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CATÁLOGO DE LAS ZONAS

VOL. VII.

PARTE PRIMERA

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RESULTADOS

DEL

OBSERVATORIO NACIONAL ARGENTINO

EN CÓRDOBA

BENJAMIN A. GOULD
DIRECTOR

VOL. VII.

CATÁLOGO DE LAS ZONAS ESTELARES
0^h Á XII^h

CÓRDOBA
PUBLICADOS POR EL OBSERVATORIO.
1884

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CATÁLOGO DE ZONAS ESTELARES

POSICIONES MEDIAS

PARA 1875.0

DE LAS

ESTRELLAS OBSERVADAS EN LAS ZONAS

EN EL

OBSERVATORIO NACIONAL ARGENTINO

POR

BENJAMIN APTHORP GOULD

PART I.

CÓRDOBA

1884

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ZONE-CATALOGUE

MEAN POSITIONS

FOR 1875.0

OF

THE STARS OBSERVED IN THE ZONES

AT THE

ARGENTINE NATIONAL OBSERVATORY

BY

BENJAMIN APTHORP GOULD

PART I.

CORDOBA

1884

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THIS CATALOGUE OF SOUTHERN STARS,

THE FRUIT OF NEARLY THIRTEEN YEARS OF ASSIDUOUS TOIL,

IS DEDICATED TO THE BELOVED AND HONORED MEMORY

OF

MARY APTHORP QUINCY GOULD,

TO WHOSE APPROVAL AND UNSELFISH ENCOURAGEMENT

THE ORIGINAL UNDERTAKING WAS DUE,

BY WHOSE SYMPATHY, SELF-SACRIFICE, AND PRACTICAL ASSISTANCE

ITS EXECUTION WAS MADE POSSIBLE,

WHO BRAVELY ENDURED PRIVATION, EXILE, AND AFFLICTIVE BEREAVEMENT

THAT IT MIGHT BE WORTHILY FINISHED,

BUT WHO HAS NOT SEEN ITS COMPLETION.

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RESULTADOS

DEL

OBSERVATORIO NACIONAL ARGENTINO

TOMO SÉPTIMO

INTRODUCCION

AL CATÁLOGO DE LAS ZONAS.

La historia general del principio, progreso y conclusion de las observaciones por zonas, que son la materia de este catálogo, se ha expuesto ya detalladamente en otros lugares, especialmente en los dos primeros tomos de los Resultados de este Observatorio. Fué para esta serie de observaciones que se proyectó originariamente una expedicion particular, que, ántes de ser realizada, se adoptó por la Nacion Argentina, y vino á ser el gérmen de su Observatorio. Así todas las disposiciones preparatorias para la instalacion de este establecimiento se hicieron con relacion especial á esa tarea, á la que se dió principio inmediatamente que los instrumentos pudieron colocarse y arreglarse debidamente. Las demoras que obstaron á su iniciacion permitieron la preparacion de la *Uranometria Argentina;* y la duracion inesperada del tiempo requerido para la reduccion y cómputo de los resultados ha dado oportunidad para practicar las observaciones con las que se ha construido y casi completado el *Catálogo General.* Pero, no obstante todo eso, siempre se consideraron como preeminentes los trabajos en las Zonas, y el Catálogo que debia formarse de ellas, y á estos se dió siempre la prioridad sobre todos los demas que pudieran ser incompatibles. Es verdad que el Catálogo General ha alcanzado á proporciones que le darán quizas, á los ojos de los astrónomos, una importancia no inferior á la de este; sin embargo, es á la originaria de esas tres obras á la que el Observatorio

INTRODUCTION

TO THE ZONE-CATALOGUE.

The general history of the beginning, continuance, and completion of the zone-observations from which this catalogue has been formed, has been fully given in other places; especially in the first two volumes of the results of this Observatory. It was for the sake of this series of observations that the private expedition was originally planned, which, before being carried into effect, was adopted by the Argentine Nation and made the germ of its National Observatory. All the preliminary arrangements for this Observatory had therefore been made with special reference to this work, and it was begun as soon as the instruments could be brought into proper adjustment. And, notwithstanding that the delays attending its commencement permitted the preparation of the *Uranometria Argentina,* and the unexpected amount of time required for the reduction and computation of the results gave opportunity for the observations from which the General Catalogue has been formed and nearly completed,—still the labors upon this Zone-Catalogue have always been regarded as paramount, and have taken precedence of all others which might interfere. It has so happened that the General Catalogue has attained dimensions which may lead astronomers to regard it as not inferior in importance to this one; yet, of the three kindred works to which the Argentine Observatory has thus far devoted

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Argentino ha dedicado, hasta ahora, sus principales esfuerzos, y ella ha sido siempre la dominante.

El instrumento empleado es el círculo meridiano de Repsold, que se halla descrito en el proemio á nuestro Tomo II. Las observaciones comenzaron en Agosto de 1872, prosiguiendose por algun tiempo al solo objeto de conseguir la práctica necesaria y establecer el método mas cómodo. La primera zona que se archivó para formar parte del sistema se observó el 9 de Setiembre de 1872; y se continuó la serie sin interrupcion hasta 1874 Abril 14, en cuya fecha el número de las zonas habia llegado á 619. La serie se empezó de nuevo el 6 de Abril de 1875, cerrándose el 9 de Agosto del mismo año, con la zona no. 754. Mas tarde se estimó necesario repetir las observaciones de cinco zonas, lo que se hizo en el año 1877, aumentandose así el número total hasta 759. Para evitar confusion se ha conservado la numeracion sin alteracion, á pesar de haber sido rechazadas las zonas nos. 40, 41, 42, 43, y 197.

El procedimiento seguido en la observacion está descrito en el volúmen de los Resultados del Observatorio, correspondiente al año 1872, y tan detalladamente que sería superfluo entrar aquí en nuevas explicaciones. Yo mismo hice todas las observaciones, en lo concerniente á los registros cronográficos de los pasajes, las apreciaciones de las magnitudes y las visuales para las declinaciones. El registro se llevaba por un ayudante, quien anotaba la magnitud y el grupo de hilos empleado, y conjuntamente la indicacion del Microscopio I leida por él. Anotaba tambien el minuto y el segundo aproximado de la muestra telegráfica del reloj, siempre que se le permitia el tiempo.

El ancho regular dado á cada zona es de dos grados entre las declinaciones 23° y 47°, con una margen adicional de 10′ en los respectivos límites, para operar una superposicion de los mismos. Desde 47° hasta 75°, este ancho se aumentó con la declinacion, hasta comprenderse en una sola faja los cinco grados entre 75° y 80°. En las regiones donde son especialmente numerosas las estrellas, como por ejemplo en la vecindad de la Via Láctea, fué necesario desminuir el ancho mencionado, lo que se hizo partiéndolo en dos mitades y subdividiendo estas tambien en igual forma, hasta el punto que se estimó conveniente, de modo que muchas zonas no tienen sino la cuarta parte, y algunas solamente la octava parte del ancho normal. En todo caso se tuvo cuidado de que las zonas se sobrepusiesen, tanto en los márgenes como en las extremidades. Algunas veces la atmósfera no tenia su habitual trasparencia, y las zonas observadas en tales casos fueron siempre

its chief energies, this is the original, and has always been the dominant one.

The instrument employed is the Repsold meridian-circle, described in the Introduction to Vol. II. The observations were begun in August, 1872, and were continued some little time for practice, and for arranging the most convenient routine. The first zone which was retained to form part of the system was observed 1872 September 9; and the series was continued, without interruption until 1874 April 14, on which night the number of the zones had reached 619. The series was resumed 1875 April 6, and it closed 1875 August 9, with zone no. 754. Subsequently it was found desirable to repeat the observations of five zones, and this was done in the year 1877, thus raising the full number to 759. To avoid confusion, the numeration has been left unchanged, although the zones nos. 40, 41, 42, 43, and 197 have been discarded.

The process of observation is described with such detail in the volume of Cordoba Results for the year 1872, that no farther account of it is needed here. All the observations were made by myself, as regards the pointings for declination, the chronographic register of the transits, and the estimates of magnitude. The record was kept by an assistant, who noted the magnitude and tally, as these were called out, together with the indication of Microscope I as read by himself. He also recorded the minute and approximate second from the dial, whenever time allowed.

Between the declinations 23° and 47°, the normal width of the zones was two degrees, with 10′ additional at each margin for overlap. From 47° to 75°, their width increased with the declination, until finally the last five degrees, 75° to 80°, were comprised in a single belt. In the regions where stars are especially numerous as in the neighborhood of the Milky Way, it was necessary to diminish this width, which was done by halving; and this subdivision was repeated as often as seemed desirable, until the zones were frequently only a quarter, and in some cases only an eighth, of the normal width. In all cases the zones were made to overlap, both at their margins and at their extremities. There were, moreover, sundry occasions on which the atmosphere seems to have been less transparent than usual; and the zones then observed have been repeated.

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repetidas. Abrigaba ademas el deseo y tenia formado el propósito de repetir el reconocimiento de la faja comprendida entre 24° y 34° de declinacion, por medio de una segunda serie de zonas en las cuales el medio del campo de vista seria ocupado por los grados impares; y este plan se verificó en una extension muy considerable, aunque no me fué posible ejecutarlo á traves de la Via Láctea, en ninguno de sus dos lados.

Es grande el número de las estrellas observadas repetidas veces á consecuencia de la superposicion sistemática de los límites de las zonas, de la repeticion de las sospechosas, y de la reiterada observacion de las regiones mas boreales del espacio comprendido en nuestro exámen. Las 105240 observaciones distintas, cuyos resultados se hallan aquí impresos, dan las posiciones de 73160 estrellas, de manera que el número medio de las observaciones correspondiente á cada una es 1.44. Un número bastante considerable de zonas ha sido rechazado, por varias razones, no habiendo tampoco sido incluidas en la numeracion, fuera de las cinco ya referidas. Entre las rechazadas se hallan todas aquellas para las cuales no pudieron conseguirse, despues de concluidas, nuevas determinaciones de las correcciones instrumentales; como tambien otras en cuya observacion el ayudante encargado del microscopio no habia adquirido todavía la práctica adecuada.

Durante la primera parte del mes de Marzo de 1873, se notó en las observaciones una discrepancia extraordinaria, cuya causa se encontró al fin, en un movimiento relativo de las dos lentes del objetivo acromático. El anillo, destinado á mantenerlas unidas de una manera invariable, se habia aflojado, por alguna razon que jamas logré descubrir,—haciendo variar la colimacion, con mucha irregularidad, segun la altura de la estrella, mientras que tomaba aproximadamente un mismo valor, siempre que el telescopio se dirigia al nadir, con el objeto de determinar el error de colimacion. Las zonas desde 182 hasta 198 se observaron con el telescopio en tal estado. Sin embargo las investigaciones posteriores han mostrado que solo una de ellas ha resultado bastante defectuosa para estimarse necesario su rechazo,—aunque en todas se encuentran indicaciones evidentes de la falta de perfecta fijeza. Las diez y seis restantes han sido conservadas, pero las posiciones que provienen de ellas se hallan indicadas en el catálogo por medio del signo †, agregado al número de la zona. Es excusado decir que todas las 17 fueron observadas de nuevo; de modo que muy pocas, y quizas ninguna, de las 1600 estrellas que comprenden, ha podido sustraerse á una doble observacion.

Finally, it was my desire and intention to repeat the survey of the belt between 24° and 34° in a second series of zones, for which the uneven degrees of declination should occupy the middle of the field; and this plan was carried out to a considerable extent, although circumstances did not permit its fulfilment across either branch of the Milky Way.

As a result of this systematic overlapping of all the zone-limits, the repetition of the doubtful zones, and the extensive reobservation of the more northerly portions of the tract included in our scrutiny, the number of stars repeatedly observed is quite large. The 105240 different observations here printed give the positions of 73160 stars; so that the mean number of observations for each star is 1·44. A very considerable number of zones were rejected, for various reasons, without even being included in the numeration, besides the five already mentioned as having been so included. Among these rejected ones are all for which no determination of the instrumental corrections could be obtained after the close, and various others for which the recorder had not acquired sufficient experience.

During the first part of March, 1873, the observations manifested an unwonted discordance, which was finally traced to a relative motion of the two lenses of the achromatic object-glass. The clamp-ring which holds them in place had become loosened in some unexplained manner, thus making the collimation vary irregularly with the altitude of the star, although returning to approximately the same value when the telescope was directed to the nadir for determining the value of the collimation-error. The zones no. 182 to no. 198, inclusive, were observed with the telescope in this condition; but later scrutiny has shown that, while all of these give manifest token of this want of perfect fixity, only one of them, no. 197, was sufficiently vitiated thereby to require its rejection. The remaining sixteen have been retained, but the resultant positions are indicated in the catalogue by a dagger (†) affixed to the zone number. All the seventeen were, of course, reobserved; so that few, if any, of the 1600 stars which they contain have failed to be determined in duplicate.

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Los ayudantes que han tomado parte en las observaciones, como registradores, leyendo las indicaciones del círculo de declinacion, son los Señores :—

The assistants who took part in the observations, as recorders, and by whom the indications of the declination-circle were read off, are the following :—

	No. de Zonas.	No. de Observaciones.
D. Miles Rock	56	6502
„ John M. Thome	249	35498
„ William M. Davis	69	7873
„ Eugene Bachmann	229	32899
„ Francisco Latzina	104	14238
„ Frank H. Bigelow	48	8230
	755	105240

Todas las reducciones y cálculos de cualquier clase se han practicado independientemente por duplicado; siendo confrontadas, despues, las dos series, y corregidos inmediatamente los errores que así se revelaron. Estos laboriosos procedimientos solo llegaron á su término en Agosto de 1882, aunque no se ahorraron esfuerzos para acelerarlos, empleando al efecto todos los elementos que se pudieron conseguir. En verdad el éxito ha manifestado que ha habido error en activar tanto la obra; pues las reiteradas comprobaciones é inspecciones siempre han puesto de manifiesto una cantidad de errores de todo punto inesperada, de manera que apareció necesario en algunos casos repetir una parte considerable de lo mas mecánico del trabajo, que se habia creido plenamente comprobada.

Debo mencionar aquí la extrema dificultad de hallar personas dignas de confianza y competentes para ejecutar aun los mas simples procedimientos, tales como tomar los valores de las cantidades tabuladas, hacer las sumas, etc. En multitud tan vasta de observaciones, los detalles mas mínimos envuelven una gran cantidad de esmerado labor; y el exámen crítico de los resultados es en sí mismo una tarea penosa. En todas estas prolijas y morosas reducciones, los astrónomos ayudantes del Observatorio han prestado servicios continuos y de la mayor importancia; pero es mi deber reconocer especialmente el apoyo recibido en este sentido del Dr. Bachmann, actual director de la Escuela Naval Argentina. Durante casi diez años la mayor parte de sus fuerzas fué consagrada al exámen de estos cómputos y al estudio de las observaciones originales.

Entretanto, todos los casos de discrepancia descubiertos entre diferentes observaciones de una misma estrella se

All the reductions and computations of every kind were made independently in duplicate; the two series being afterwards compared, and the errors thus brought to light being immediately corrected. These laborious processes were not completed until August, 1882, although no efforts were spared to hasten them, and all available assistance was employed. Indeed, the event has proved that I erred in pushing the work too vehemently; for the various tests and checks revealed an altogether unexpected amount of errors,—so numerous, indeed, in some cases, that it was necessary to repeat a considerable portion of the more mechanical parts of the work, which I had assumed to be fully tested.

In this connection, I may allude to the extreme difficulty of finding trustworthy persons competent to perform the simpler processes, such as the transcription of the tabulated quantities, the summations, &c. For such a vast multitude of observations, even the smallest details imply a large amount of careful labor, and the critical examination of the results is in itself a severe task. Throughout the course of these reductions, the assistant astronomers of the Observatory have rendered continual and essential service; but it is an especial duty to recognize the aid which has been afforded in this respect by Dr. Bachmann, now director of the Argentine Naval Academy at Buenos Aires. For more than ten years, the greater part of his energies was directed to the examination of the zone-computations and the scrutiny of the original observations.

Meanwhile, all cases of discordance found between different determinations of the same star had been

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habian resuelto, en cuanto fué posible, por medio de observaciones especiales, hechas con el círculo meridiano; así que durante la segunda mitad del año 1882, el catálogo pareció hallarse completamente terminado, necesitando solamente ser copiado para la impresion.

De sus 73000 estrellas, casi la cuarta parte habia sido observada mas de una vez en las zonas mismas, y una buena porcion de las demas se habia determinado, despues de esto, aun mas prolijamente para el Catálogo General. Quedaban, con todo, mas de 35000 estrellas, cuyas posiciones carecian de toda comprobacion; y los errores no escasos de 1°, 20′, 4′ y 1′ en las declinaciones, que ya se habian descubierto, como igualmente los de un minuto entero ó del grupo de hilos, encontrados en las ascensiones rectas, despertaron recelos de otros análogos en estas estrellas no comprobadas. Reconociendo tal peligro, los cuatro ayudantes del Observatorio se ofrecieron espontaneamente para ejecutar una revision telescópica de las posiciones de todas aquellas estrellas de las que solo existia una observacion; comprometiéndose á llevarla á cabo con la brevedad requerida para evitar toda demora de importancia en la impresion del catálogo. El contingente de labor implicado en este generoso y cordial ofrecimiento era tal, que vacilé por algun tiempo para aceptarlo, y tanto mas que ya habia hecho los arreglos para permanecer ausente de Córdoba durante la mitad, á lo menos, del año entrante, tiempo en que tendria que ejecutarse la mayor parte de esta vasta tarea. Sin embargo, el gran aumento de exactitud del catálogo, que no podia ménos de resultar de la revision propuesta, prevaleció sobre toda otra consideracion. De consiguiente fué ella iniciada sistematicamente á principios de Noviembre de 1882, y se llevó activamente adelante hasta concluirla á fines de Junio de 1883; habiendo sido practicada exclusivamente por los Señores D. Juan M. Thome, D. Gualterio G. Davis, D. Chalmers W. Stevens y D. Francisco E. Wiggin,—y siendo atendidos los detalles por el Señor Davis.

Despues de trascritas del catálogo las posiciones medias de las estrellas referidas, para servir de base á la obra, y preparadas tablas que indicaban á primera vista el total aproximado del cambio precesional desde 1875.0, tres de los señores nombrados cooperaban simultaneamente en la tarea, miéntras que el cuarto prestaba relevo en intervalos fijos. El registrador anunciaba de antemano la correspondiente indicacion del círculo y la magnitud, previniendo luego el momento en que la estrella debia llegar á un grupo determinado de hilos. El auxiliar en el círculo

resolved, so far as possible, by special observations with the meridian-circle; so that, in the latter half of the year 1882, the catalogue seemed fully completed, and needing only to be copied for the press.

Of its 73000 stars, nearly one quarter were observed more than once in the zones themselves, and a considerable portion of the others had, since then, been determined yet more minutely for the General Catalogue. More than 35000 stars remained, for whose positions no control existed; and the not infrequent errors of 1°, 20′, 4′, 1′, which had already been detected in the declinations, and those of a minute, or of a tally-interval, which had been found in the right-ascensions, naturally aroused apprehensions of analogous mistakes in these remaining stars. Recognizing this danger, the four assistants of the Observatory spontaneously volunteered to revise the positions of all those stars for which only one observation existed, and to complete the revision in season to avoid any essential delay in printing the catalogue. The labor implied in this generous and cordial offer was so great that I hesitated for some time before accepting it, and all the more because I had arranged to be absent from Cordoba during at least half of the coming year, when the larger portion of the task would have to be performed. Still, the great increase of accuracy in the catalogue, which could not fail to result from the proposed scrutiny, outweighed all other considerations. Accordingly, this systematic revision was begun early in November, 1882, and actively carried forward until its completion at the close of June, 1883; the whole labor being performed by Messrs. John M. Thome, Walter G. Davis, Chalmers W. Stevens, and Frank E. Wiggin, and the management of the details conducted by Mr. Davis.

The mean places of the stars in question having been copied out from the catalogue as a working-list, and tables prepared, which showed at a glance the approximate amount of precessional change since 1875.0, three persons took simultaneous part in the observations, one of them being relieved by the fourth at stated intervals. The recorder dictated in advance the circle-reading and the magnitude, and then gave due notice of the approach of the star to some one of the tallies. The

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dirigia el telescopio proximamente á la declinacion requerida, y leia el microscopio luego que el observador le habia colocado con precision. Finalmente el observador en el telescopio daba el momento del pasage, y lo registraba cronograficamente en todos los casos de discrepancia aparente; dirigiendo el telescopio al mismo tiempo á la declinacion exacta. Todos los casos de discordancia se anotaban especialmente, para que el Señor Davis los estudiase el dia siguiente. Entre los tres señores que trabajaban conjuntamente, se organizó un sistema de rotacion de las ocupaciones, propio para disminuir la fatiga mediante un cambio en las respectivas funciones; de modo que el arreglo de la parte rutinaria era muy conveniente.

El número de errores descubiertos de esta manera fué inopinadamente grande; y no sé como reconocer en términos bastante expresivos el gran aumento de valor dado al catálogo por esta revision, ni tampoco mi sentimiento de gratitud personal hácia los caballeros que han ejecutado la importante tarea con tanto desinteres, celo, inteligencia y buen éxito.

La mayor parte de esos errores pertenecia á alguna de las ya mencionadas clases; pero cuando no se encontraba estrella ninguna, ni en la posicion dada por la observacion en la zona ni en otra que pudiera coincidir con la suposicion de una equivocacion sencilla y manifiesta, toda la region era sometida á insistentes investigaciones en sucesivas noches, tanto con relacion á la ascension recta, como á la declinacion. En muchos casos se logró reconocer así el orígen de los errores, en cifras indistintas ó confusas en el registro ordinario, y especialmente en algun cambio entre las unidades de los minutos y las decenas de los segundos, en las indicaciones del círculo graduado. Habia, sin embargo, 107 casos en los que no se pudo hallar ninguna estrella ni en la posicion dada por el catálogo, ni en ninguna otra, de la cual dicha posicion pudiese derivarse por medio de una hipótesis plausible de error en el registro. Tales estrellas se han buscado esmeradamente con el gran ecuatorial, teniéndose en vista la probabilidad de que algunas sean variables; pero no se ha podido descubrir ninguna por este medio. Hay sin embargo una que faltaba al tiempo de la revision, pero ha sido observada despues, en la posicion del catálogo, comprobándose así concluyentemente su variabilidad. Es la estrella XXII 806, á la cual he puesto el nombre de *R Indi*. Hay otra aun, Z. 259, no. 133, para la que el registro del grupo es ambiguo; de modo que la observacion no ha sido incluida en el catálogo.

assistant at the circle directed the telescope approximately to the proper declination, and read the microscope as soon as the accurate pointing had been made. Finally, the observer at the telescope called out the moment of the star's passage, and, in cases of apparent discordance, registered the transit chronographically; pointing the telescope in declination at the same time. All cases of discrepancy were specially noted, to be studied out by Mr. Davis on the ensuing day. A system of rotation among the three was so arranged as to diminish their fatigue by changes in their position and occupation, and the whole routine was found to work well in practice.

The number of mistakes thus detected was unexpectedly large; and I cannot sufficiently express my recognition of the great increase in the value of the catalogue which has resulted from this revision, nor yet my personal sense of gratitude to the gentlemen who so disinterestedly, zealously, discreetly, and efficiently performed the important task.

Most of the errors found belonged to the classes already mentioned, and were easily recognized; but when no star was found, either in the position given by the zone-observation, or in any which would be reproduced by the assumption of some such simple and evident blunder, the region was subjected to a thorough scrutiny by repeated sweeps in both right-ascension and declination, on various nights. In many instances, errors were thus traced to indistinct or confused figures in the original record, and especially to some interchange of the units in the minutes with the tens in the seconds of the circle-reading. But there were 107 cases in which no star was found, either in the catalogue-place, or in any position which this place would give under any reasonable supposition of error in the record. These missing stars have been carefully searched for with the large equatorial, in view of the probability that some of them may be variable; but none have been thus discovered. There is, however, one star which was found missing during the revision, but has since then been duly observed in the catalogue-place; its variability being thus fully demonstrated. This is the star XXII 806, to which the name *R Indi* has been here affixed. For yet another, Z. 255, no. 133, which was not found, the record of the tally is ambiguous, so that this observation has not been transferred to the catalogue.

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ESTRELLAS DE LAS ZONAS QUE NO SE HAN HALLADO POSTERIORMENTE.

ZONE-STARS NOT FOUND ON REVISION.

Catal. No.	Zona, No.	Fecha	Mag.	Equin. 1875.0		Catal. No.	Zona, No.	Fecha	Mag.	Equin. 1875.0	
				h m s	° ′ ″					h m s	° ′ ″
O 94	478, 90	1873 Nov. 16	9½	0 3 22	25 13 19	XIV 453	683, 12	1875 June 2	9½	14 7 10	73 37 49
O 677	487, 15	1873 Nov. 30	9½	0 25 44	29 27 18	1061	685, 43	1875 June 3	10	14 16 35	46 0 8
I 1544	506, 5	1873 Dec. 18	10	1 57 46	28 51 47	1476	705, 111	1875 June 19	10	14 23 17	31 51 16
II 71	509, 6	1873 Dec. 19	10	2 2 28	31 32 24	3173	689, 58	1875 June 7	9½	14 50 7	35 19 47
116	511, 13	1873 Dec. 20	9½	2 4 6	24 59 54	XIV 3548	696, 59	1875 June 14	9½	14 55 49	47 23 27
1325	484, 5	1873 Nov. 25	9	2 48 24	26 57 43	XV 739	689, 90	1875 June 7	9	15 10 47	35 18 27
II 1547	116, 85	1872 Dec. 23	8½	2 56 52	51 8 13	1607	734, 24	1875 July 17	9½	15 23 27	26 25 6
III 113	490, 5	1873 Dec. 1	10	3 3 46	32 40 17	1880	700, 6	1875 June 16	9½	15 27 27	36 17 39
299	492, 12	1873 Dec. 2	10	3 9 44	30 41 56	1902	736, 6	1875 July 22	9½	15 27 44	46 43 51
400	515, 57	1873 Dec. 30	10	3 13 5	36 49 29	1979	734, 34	1875 July 17	10	15 28 47	26 18 54
1037	484, 74	1873 Nov. 25	9	3 34 32	25 47 16	2005	752, 11	1875 Aug. 5	9	15 29 7	51 20 11
1515	504, 17	1873 Dec. 13	9½	3 49 35	26 23 8	2049	698, 8	1875 June 15	9½	15 29 44	60 47 14
III 1582	484, 99	1873 Nov. 25	10	3 51 43	27 5 36	3148	700, 39	1875 June 16	10	15 44 42	36 50 18
IV 601	513, 9	1873 Dec. 22	9½	4 18 33	26 13 52	3164	718, 100	1875 June 30	9½	15 44 56	37 7 2
V 1510	510, 95	1873 Dec. 25	10	5 40 21	25 48 8	3188	700, 41	1875 June 16	9	15 45 22	35 55 19
V 1526	508, 6	1873 Dec. 18	9½	5 40 58	62 59 13	3548	366, 7	1873 July 28	9½	15 50 31	26 0 15
VI 155	545, 85	1874 Jan. 29	10	6 3 36	31 51 1	3774	366, 14	1873 July 28	9½	15 53 49	26 42 54
552	164, 71	1873 Feb. 9	9	6 12 12	31 35 59	3905	721, 106	1875 July 5	9½	15 55 42	30 23 10
VI 2515	559, 25	1874 Feb. 23	10	6 49 57	52 5 29	XV 4184	745, 9	1875 July 29	9½	15 59 48	49 37 29
VII 61	529, 98	1874 Jan. 12	9	7 0 49	61 46 59	XVI 188	745, 18	1875 July 29	9½	16 2 22	49 26 8
136	572, 34	1874 Mar. 6	10	7 1 57	34 49 28	784	700, 87	1875 June 16	10	16 10 53	36 49 32
1856	537, 71	1874 Jan. 17	9	7 26 24	43 4 28	816	325, 101	1873 July 8	10	16 11 25	43 5 54
2258	580, 45	1874 Mar. 14	9	7 31 54	73 6 38	940	706, 7	1875 June 19	9½	16 13 13	34 41 3
VII 3880	537, 138	1874 Jan. 17	8	7 52 10	43 48 36	1077	753, 116	1875 Aug. 6	10	16 15 26	52 5 33
VIII 1411	236, 4	1873 Apr. 16	10	8 17 2	63 35 12	1133	702, 160	1875 June 17	9½	16 16 15	50 49 15
2146	632, 8	1873 Apr. 14	10	8 25 38	60 32 15	1149	734, 146	1875 July 17	9½	16 16 26	26 1 47
VIII 4629	562, 8	1874 Feb. 24	10	8 57 7	52 24 12	1236	706, 18	1875 June 19	10	16 17 35	34 55 34
IX 160	562, 21	1874 Feb. 24	10	9 1 59	52 20 5	2101	341, 10	1873 July 15	10	16 30 11	38 20 36
1460	569, 66	1874 Mar. 4	9½	9 18 15	51 38 50	2382	710, 40	1875 June 22	9½	16 34 14	53 42 26
IX 4476	573, 45	1874 Mar. 6	10	9 56 27	67 9 24	2492	706, 54	1875 June 19	10	16 35 40	34 56 52
X 588	213, 4	1873 Apr. 6	10	10 7 57	28 48 50	3114	706, 65	1875 June 19	9½	16 44 11	34 29 26
1490	651, 182	1875 May 3	9½	10 20 16	30 3 21	3763	706, 76	1875 June 19	10	16 52 45	34 4 53
2210	564, 191	1874 Feb. 28	8½	10 30 36	53 36 41	XVI 3912	706, 77	1875 June 19	10	16 54 49	34 39 54
4059	665, 100	1875 May 18	10	10 56 6	28 8 57	XVII 54	710, 85	1875 June 22	10	17 0 43	53 46 54
4271	664, 152	1875 May 17	10	10 58 52	24 32 10	352	735, 12	1875 July 17	10	17 5 18	38 56 34
X 4337	234, 139	1873 Apr. 15	10	10 59 42	54 30 21	491	735, 17	1875 July 17	10	17 7 30	39 35 34
XI 865	604, 101	1874 Apr. 30	9½	11 11 59	61 19 15	1052	728, 42	1875 July 12	9½	17 15 25	34 50 16
1543	292, 4	1873 June 14	9	11 22 6	30 3 34	XVII 1568	395, 124	1873 Aug. 16	10	17 23 11	24 8 26
1961	226, 148	1873 Apr. 12	9½	11 28 1	24 57 42	XVIII 201	416, 73	1873 Aug. 28	9½	18 2 55	23 14 31
2350	264, 3	1873 May 2	9	11 33 26	24 25 36	XVIII 823	744, 21	1875 July 27	9	18 12 31	57 35 43
2602	260, 13	1873 Apr. 30	10	11 37 19	33 9 50	XIX 84	321, 121	1873 July 6	9½	19 1 57	57 49 52
XI 2835	682, 16	1875 Apr. 14	9½	11 40 53	24 57 44	1667	446, 124	1873 Sept. 18	7½	19 39 22	26 51 4
XII 2228	614, 9	1874 Apr. 6	9½	12 37 23	62 23 27	XIX 2123	398, 103	1873 Aug. 19	9½	19 51 36	28 5 55
2313	691, 44	1875 June 10	10	12 38 47	31 51 40	XX 1134	457, 12	1873 Oct. 11	9½	20 34 14	29 35 51
XII 2893	614, 21	1874 Apr. 6	9½	12 48 43	62 10 35	XX 1839	459, 33	1873 Oct. 12	10	20 58 3	27 51 42
XIII 553	674, 57	1875 May 24	9	13 8 59	26 10 53	XXI 112	434, 33	1873 Sept. 12	9½	21 3 36	51 25 1
838	324, 35	1873 July 8	10	13 13 46	60 43 24	XXI 1426	421, 10	1873 Sept. 1	9½	21 45 48	54 59 30
2208	327, 70	1873 July 9	9½	13 36 33	27 4 37	XXII 342	47, 118	1872 Oct. 19	9	22 10 53	30 13 39
2354	697, 90	1875 June 15	9½	13 38 47	28 14 27	1166	456, 2	1873 Oct. 8	10	22 38 26	77 42 31
2608	701, 21	1875 June 17	9½	13 42 47	47 43 39	XXII 1264	456, 4	1873 Oct. 8	10	22 41 19	76 0 7
2619	286, 7	1873 June 11	9½	13 42 59	41 50 49	XXIII 773	458, 74	1873 Oct. 11	10	23 28 42	57 5 46
XIII 3550	290, 35	1873 June 13	9½	13 57 56	42 12 21	1171	476, 71	1873 Nov. 8	9½	23 43 21	73 23 56
XIV 89	286, 53	1873 June 11	9½	14 1 21	42 23 36	1351	461, 13	1873 Oct. 12	9½	23 49 51	32 6 51
						XXIII 1353	79, 8	1872 Nov. 23	8½	23 49 58	50 28 56

Estas estrella sestán indicadas en el catálogo por un signo de interrogacion.

No se dejará de notar cuan excesiva es la proporcion de las estrellas inferiores á la novena magnitud, entre las que faltan. Solamente cinco se han anotado de magnitudes superiores á 9^m, á la vez que hay 42 de la décima

These are indicated in the catalogue by a question-mark.

It will not escape notice how overwhelming a proportion of the missing stars are below the ninth magnitude. Only five of them were noted as of magnitudes above the ninth, while 42 were of the tenth magnitude,—

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magnitud, la mas débil que se observó. Creo no hay muchos entre estos casos, para cuya explicacion pudiera prescindirse de la variabilidad. Hay algunos, en que estrellas de la magnitud anotada se hallan en la debida ascension recta, aunque en otra declinacion que la del catálogo; lo que podria explicarse suponiendo que el telescopio se ha movido inadvertidamente ántes de haberse leido la declinacion en el círculo. Pero estos no forman sino una proporcion pequeña del número total, y la investigacion ha sido tan prolija que se puede aceptar con toda confianza, que no estaba visible al tiempo de la revision ninguna estrella que, bajo cualquier suposicion plausible de error, sea al observarla ó al anotarla, pudiera haber dado orígen á la posicion de la que falta. Parece, pues, no haber otra explicacion del registro sino la variabilidad, ó un movimiento de la estrella.

Los números totales de las observaciones, y de las distintas estrellas, que se hallan en cada hora de ascension recta, se dan en el cuadro.

the lowest observed. There are not many instances in which any other supposition than that of variability will suffice. There are a few in which a star of the recorded magnitude has been found in the right-ascension observed, yet in a different declination from that of the catalogue, which might be accounted for by supposing the telescope to have been moved unawares before the declination was read from the circle. But these form a very small proportion of the whole number; and the scrutiny has been so thorough that, for the remainder, it may be confidently assumed that no star was visible at the time of the revision which, by any plausible supposition of error in the observation or the record, could have given origin to the place of the missing one. There would seem to be no other explanation of this record than variability or motion.

The total numbers of observations and of different stars contained in each hour of right-ascension are given in the subjoined table.

Hora	Número de Observaciones	Número de Estrellas	Hora	Número de Observaciones	Número de Estrellas
0	2167	1548	12	5284	3538
1	2335	1610	13	5208	3705
2	2292	1620	14	5424	3841
3	2814	1852	15	6258	4198
4	3118	2089	16	6306	4279
5	3308	2325	17	5689	4077
6	4442	3165	18	4099	3173
7	6514	4598	19	3202	2418
8	6672	4846	20	2685	1909
9	7346	4606	21	2644	1896
10	6603	4368	22	2429	1762
11	6082	4097	23	2319	1640

Las posiciones de las estrellas fundamentales de reloj, de las cuales dependen todas las ascensiones rectas, se tomaron de la Efeméride Americana para los años respectivos, con las pequeñas modificaciones mencionadas en el tomo de los Resultados del Observatorio, correspondiente al año 1872. La lista de dichas estrellas se halla en aquel volúmen, junto con sus posiciones medias adoptadas, para el principio del año; y así de igual manera en los tomos de Resultados de los años posteriores. Para determinar las desviaciones polares del instrumento, se empleó una lista de 54 estrellas circumpolares, cuyas posiciones se hallan consignadas en los Proemios á nuestros volúmenes. Las declinaciones se han deducido empleando la latitud 31° 25′ 15″.0, y quedan así sujetas á cualquier correccion que pudiera requerir este valor. Es probable

The positions of the fundamental time-stars, upon which all the right-ascensions depend, were taken from the American Ephemeris for the respective years, introducing the small modifications mentioned in the volume of Cordoba Results for the year 1872. A list of these stars will be found in that volume, together with their adopted mean places for the beginning of the year, and so, similarly, in the volumes of Results obtained in subsequent years. For determining the polar deviations of the instrument, a list of 54 circumpolar stars was employed, the adopted positions of which may be found in the Introductions to our several volumes. The declinations have been determined by using the latitude 31° 25′ 15″·0, and are therefore subject to whatever correction may be found needful for this value. They

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que deben aumentarse de 0″.5. Es mi conviccion que, sea cual fuere el error constante que subsista en una ú otra coordenada, no alcanza al error probable de observacion.

En cuanto á las magnitudes, puedo decir que su recíproca comparacion, como tambien su confrontacion con las apreciaciones hechas en otras ocasiones y para otros objetos, han mostrado ser mas seguras que lo habria esperado, al considerar las dificultades que ofrecen las estimaciones y la consiguiente falta de completa confianza en los resultados. Sobre este particular me he expresado detenidamente en el Proemio á las observaciones hechas en el año 1872; y, como allí se ha dicho, me he creido autorizado á elevar ó reducir todas las magnitudes de algunas zonas, en media unidad. Un exámen cuidadoso me ha convencido que la escala de la *Uranometria Argentina* se ha mantenido, en general, en las zonas, tan exactamente como lo permitiera el carácter de las apreciaciones.

Para determinar el error medio de las observaciones, se ha procedido por medio de estrellas observadas mas de dos veces. Estas son muchas, como queda dicho, debido á la superposicion liberal de las zonas en todos sentidos, y á las muchas repeticiones. Á la verdad, su número se ha mostrado tan considerable que la investigacion ha debido limitarse á las primeras doce horas de ascension recta, pues apareció evidente que los resultados no cambiarian esencialmente, incluyéndose las demas observaciones.

Los resultados que van á darse se deducen del total de todas las estrellas indistintamente. Las discordancias medias así deducidas indican suficientemente los valores de los errores medios de observacion en cuanto á las ascensiones rectas. En cuanto á las declinaciones se contiene no solo el error cometido al dirigir el telescopio, sino tambien las diferencias muy apreciables de exactitud entre las lecturas del microscopio hechas por distintas personas. Á este último respecto se ha reconocido, por medio de estudios especiales, que las discordancias en las declinaciones, aunque relativamente pequeñas en sí mismas, serian sensiblemente desminuidas restringiéndose el exámen á las zonas en que el microscopio se leyó solo por el Dr. Thome ó el Dr. Bachmann.

El cuadro que va á continuacion manifiesta, para cada faja de declinacion, los números, tanto de estrellas como de observaciones, que han servido para la determinacion de las respectivas discordancias medias. Para las observaciones de ascension recta, contiene la cantidad Σn^2, ó sea la suma de los cuadrados de las discordancias de las

should probably be increased by 0″.5. It is my belief that whatever constant error may exist, in either coordinate, will be inferior to the probable error of observation.

As regards the magnitudes, I may say that their collation, as well as comparison with estimates made at other times and for other purposes, has shown them to be more trustworthy than I had feared, considering the difficulty in estimating, and my consequent want of complete reliance upon the results. Upon this subject I have expressed myself in full in the Introduction to the volume of observations made in 1872; and, as there stated, have felt justified in raising or lowering all the magnitudes of some zones by half a unit. Careful examination has convinced me that the scale employed in the *Uranometria Argentina* has in general been as fairly carried forward in the zones as the nature of these estimates allowed.

To ascertain the value of the mean error of the observations, an investigation has been made by employment of those stars which were observed more than twice. Of these, there is an abundance, as has been already mentioned, owing to the liberal overlapping of the zones on all sides, and to the frequent repetitions. Indeed, the number proved so ample that the investigation was discontinued at the end of the first twelve hours of right-ascension, since it became evident that the results would not be essentially changed by including the remaining observations.

The values which follow are deduced from the total of all the stars, without discrimination. For the right-ascensions, these average discordances fairly indicate the mean errors of observation; for the declinations, not only the errors of pointing are involved, but also the very appreciable differences in the accuracy of microscope-readings made by different persons. In fact, some slight trials have shown that these discordances in declination, although relatively small in themselves, would still be perceptibly diminished by restricting the investigation to those zones in which the microscope was read by Dr. Thome or Dr. Bachmann only.

The appended table gives, for each belt of declination, the number of stars and of observations from which the respective mean discordances have been deduced. For the right-ascensions it contains Σn^2, the sum of the squares of the discordances of the several observations from their

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varias observaciones, con sus promedios respectivos (deducidos siempre de no ménos de tres), luego la cantidad e, es decir, el correspondiente término medio de la discordancia de una sola observacion, y finalmente el valor de e, expresado por su equivalente en tiempo ecuatorial. Para las declinaciones, da los valores análogos de Σn^2 y e. Habiéndose determinado los valores originarios de la ascension recta con una aproximacion de céntimos de segundo de tiempo, y los de la declinacion con una de décimos de segundo, las sumas de los cuadrados se expresan respectivamente en unidades de la cuarta y de la segunda cifra decimal.

mean (never derived from less than three); then e, the corresponding average error of a single observation; and lastly the value of e, expressed by its equivalent in equatorial time. For the declinations the analogous values of Σn^2 and e are given. The original values of the right-ascensions having been determined to hundredths of a second of time, and those of the declinations to tenths of a second, the sums of the squares are expressed in units of the fourth and of the second decimal, respectively.

DISCORDANCIAS MEDIAS DE LAS OBSERVACIONES TOMADAS AISLADAMENTE.

MEAN DISCORDANCES FOR A SINGLE OBSERVATION.

Declinacion	Estrellas	Ascensiones Rectas				Declinaciones		
		Obs.	Σn^2	e	$e \cos \delta$	Obs.	Σn^2	e
° °				s	s			″
23 — 25	108	345	20 379	0.0769	0.0702	345	33 313	0.983
25 — 27	292	927	66 998	.0850	.0764	926	75 010	0.900
27 — 29	361	1203	70 619	.0766	.0676	1204	106 562	0.941
29 — 31	243	774	60 049	.0881	.0763	773	79 172	1.012
31 — 33	196	617	34 722	.0750	.0636	616	71 789	1.079
33 — 35	151	478	25 344	.0728	.0604	479	47 974	1.001
35 — 37	66	206	13 363	.0805	.0652	207	18 801	0.953
37 — 39	39	121	9 079	.0866	.0683	121	11 572	0.978
39 — 41	60	189	14 565	.0878	.0672	191	14 948	0.885
41 — 43	56	178	19 241	.1040	.0773	178	14 413	0.900
43 — 45	43	137	8 210	.0774	.0557	137	15 770	1.073
45 — 47	127	415	27 225	.0810	.0563	415	41 984	1.006
47 — 49½	146	473	37 744	.0893	.0595	473	41 380	0.935
49½ — 52	128	407	30 016	.0859	.0543	407	46 880	1.073
52 — 54½	288	951	76 884	.0899	.0538	952	95 168	1.000
54½ — 57½	179	583	48 394	.0911	.0509	583	51 967	0.944
57½ — 60½	271	898	102 501	.1068	.0550	898	79 804	0.943
60½ — 63½	100	331	40 254	.1103	.0518	331	32 860	0.996
63½ — 67	131	430	61 365	.1195	.0500	430	38 970	0.952
67 — 71	144	474	89 979	.1378	.0494	474	57 091	1.097
71 — 75	90	285	105 729	.1926	.0563	287	36 437	1.127
75 — 80	39	126	95 676	0.2756	0.0583	126	13 101	1.019

Del conjunto total de los datos se deduce $0^s.062$ como término medio de las discordancias en la ascension recta expresado en tiempo ecuatorial, y $0''.972$ para el de la declinacion.

Si, en vez de los términos medios de las discordancias, se quieren los valores de los errores probables, tales como resultan de la fórmula estricta, para poder así confrontarlos mas directamente con los de otros catálogos, solo hay que dividir la cantidad Σn^2 por el número de observaciones, despues de deducir de ella el de las estrellas, para obtener un valor de e^2, tal que $r = 0.6745\ e$. Los valores del error probable, r, que así se obtienen, se hallan en el cuadro adjunto.

From the whole mass of data we obtain $0^s.062$ for the average discordance in right-ascension, expressed in equatorial time; and $0''.972$ for that in declination.

If, instead of these average discordances, we desire the probable errors, as deduced by the strict formulas, so as to compare them more directly with those of other catalogues, we have only to divide Σn^2 by the number of observations, less that of the stars, to obtain a value for e^2, such that $r = 0.6745\ e$. The values of r thus deduced are given in the next table.

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ERROR PROBABLE DE UNA SOLA OBSERVACION.

PROBABLE ERROR OF A SINGLE OBSERVATION.

Declinacion	Ascension Recta		Decl.	Declinacion	Ascension Recta		Decl.
	r	$r \cos \delta$	r		r	$r \cos \delta$	r
° °	s	s	″	° °	s	s	″
23 — 25	0.0625	0.0571	0.800	45 — 47	0.0656	0.0456	0.814
25 — 27	.0693	.0623	.734	47 — 49½	.0725	.0483	.759
27 — 29	.0618	.0545	.758	49½ — 52	.0700	.0443	.874
29 — 31	.0717	.0621	.824	52 — 54½	.0726	.0435	.808
31 — 33	.0613	.0520	.882	54½ — 57½	.0738	.0413	.765
33 — 35	.0594	.0492	.816	57½ — 60½	.0862	.0444	.761
35 — 37	.0659	.0533	.779	60½ — 63½	.0890	.0418	.804
37 — 39	.0710	.0559	.801	63½ — 67	.0966	.0405	.770
39 — 41	.0717	.0549	.721	67 — 71	.1114	.0399	.887
41 — 43	.0847	.0629	.733	71 — 75	.1571	.0459	.917
43 — 45	0.0630	0.0453	0.874	75 — 80	0.2237	0.0484	0.828

El arreglo del catálogo y el método empleado para la numeracion han sido adoptados con muy madura reflexion, y espero se mostrarán convenientes para facilitar el registro y el uso del mismo. Una numeracion independiente para las estrellas comprendidas en cada hora de ascension recta se hace casi indispensable, cuando son tan numerosas; y la manera de indicar las observaciones que pertenecen á una misma estrella tiene, entre otras ventajas, las de hacer el uso del libro menos fatigoso para la vista, y de permitir se distingan facilmente las dos componentes de una estrella doble.

Se presentan dificultades especiales al preparar un libro para su publicacion en dos distintos idiomas á la vez. No siempre es fácil dar las dos versiones con suficiente prolijidad, sin afectar una atencion pedantesca á diferencias insignificantes de los idiomas, que apenas podrian causar mayor molestia que la ocasionada por los ordinarios errores tipográficos; y, aunque el buen gusto parece exigir el mantenimiento de algun sistema fijo de reglas, esto es á menudo imposible. Por ejemplo, en las abreviaciones empleadas para distinguir las componentes de una doble, la palabra "siguiente," que se denota con una *f* en los idiomas teutónicos, requiere una *s* en los latinos; miéntras que esta letra *s*, que en aquellos se emplea por "austral," se halla expuesta á objecion grave en estos, por la razon ya mencionada. Y esto no puede remediarse ni recurriendo al Latin mismo. En la presente obra se ha obviado esta dificultad, empleando abreviaciones que pueden considerarse como símbolos arbitrarios. Las componentes boreales y australes se indican respectivamente con las letras *n* y *s*, miéntras que las precedentes y siguientes se denotan con las abrevia-

The arrangement of the catalogue, and the mode of numeration, are the results of much consideration; and will, I hope, be found convenient, both as regards ease of reference and facility in employment. An independent notation for the stars in each hour becomes almost imperative when their number is so large; and the mode of indicating those observations which belong to the same star has, among other advantages, those of making the use of the book less fatiguing to the eyes, and of permitting easy distinction between the components of double stars.

Some curious petty difficulties are encountered in preparing a book for publication in two languages conjointly. To give both versions wherever needful, yet without pedantic attention to insignificant differences, which disturb the reader in either of them scarcely more than mere typographical errors, is not always easy; and, although good taste seems to demand the maintenance of some fixed rules, this is often impossible. For example, in the abbreviations used to distinguish the components of a double star, the word "following" is indicated by an *f* in the Teutonic languages, but by an *s* in the Latin ones; while this letter *s*, used for "south" in the former, is liable to serious objection in the latter, for the reason mentioned. Moreover, no help can be found by recourse to the Latin itself. Here the difficulty has been met by employing abbreviations which may be regarded as arbitrary symbols. The northern and southern components are respectively indicated by the letters *n* and *s*, while the preceding and following are denoted by the abbreviations *pr.* and *sq.*

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ciones *pr.* y *sq.* En las anotaciones, las pocas estrellas que se indicaron como coloradas en el momento de la observacion se designan por la palabra inglesa "red."

Las dobles llevan la anotacion *dpl.*, agregándose generalmente alguna indicacion de la clase, estimada, segun la primera clasificacion de Herschel, en cuatro órdenes. El número total de las estrellas así designadas es muy poco ménos de un mil; pero hay muchas de ellas que no se reconocieron como tales, sino despues de las observaciones mas prolijas hechas para el Catálogo General, ó de la revision practicada en 1882-3.

Ya se ha mencionado que el signo † se ha agregado á los números de las zonas desde 182 hasta 198, para llamar la atencion á la circunstancia de que estas zonas no merecen la misma confianza que las otras, por la razon dada. Tambien que el signo ?, en la columna de las anotaciones, indica aquellas estrellas que no pudieron hallarse mas tarde.

Para prevenir en lo posible los errores tipográficos y tambien poder hacer correcciones hasta el último momento, el catálogo ha sido estereotipado, y las pruebas tiradas de las planchas se han revisado muy prolijamente. Todos los errores descubiertos se han corregido en las planchas mismas, procedimiento que necesariamente ha demorado la publicacion; pero la demora está bien compensada por el aumento en la exactitud de los volúmenes impresas. En unos muy pocos casos la numeracion ha sido ligeramente modificada, sea omitiendo algun número, ó insertando un número fraccional, para adaptarse á las correcciones hechas despues de fundidas las planchas.

Hay tambien algunos casos en que los céntimos de segundo en la ascension recta, ó los décimos en la declinacion, que se dan aquí, difieren algo de las de las zonas impresas. Los cálculos duplicados se llevaron hasta una cifra decimal más en una serie de hojas, y habia que despreciar algunas diferencias frívolas al hacer las confrontaciones. Así, pues, como las zonas particulares se imprimian segun una serie, miéntras se formaba el catálogo de la otra, se han conservado estas pequeñas diferencias. Las posiciones del catálogo son probablemente un poco mas exactas, aunque las discrepancias son practicamente insignificantes.

No puede esperarse la ausencia completa de errores en una obra que contiene bastante mas de dos millones de cifras; mas no se ha omitido precaucion alguna razonable, tendente á asegurar la exactitud. Espero serán pocos los errores que queden, aunque las dificultades para evitarlos y descubrirlos han sido escepcionalmente grandes.

In the notes, those few stars which were recorded as red, at the time of observation, are designated by this English word.

Double stars are marked *dpl.*, generally with an indication of the class, as estimated according to Herschel's first classification into four orders. The total number of stars, thus indicated as double, falls very little short of a thousand; but many of them were not recognized as such at the time, nor until the more elaborate observations made for the General Catalogue, or when the revision was effected in 1882-3.

It has been already mentioned that the sign †, appended to the numbers of the zones from 182 to 198, calls attention to the fact that these zones are not entitled to so much confidence as the others, for the reason stated; also that the sign ? in the column of notes points out those stars which have not been subsequently found.

To guard against typographical errors, and permit corrections up to the last moment, the catalogue was stereotyped, and the proof-sheets from the plates have been very elaborately examined. All errors found have been corrected upon the stereotype plates—a process which has necessarily delayed the publication; but the delay has been well compensated by the increase of accuracy in the printed volumes. In a few instances, the numeration has been slightly modified—either by the omission of some number, or by the insertion of a fractional one—to adapt it to corrections made after the plates had been cast.

There are sundry cases in which the hundredths of seconds in the right-ascensions, or the tenths in the declinations, as here given, differ slightly from those printed in the zones themselves. The duplicate computations were carried out to an additional decimal in one set of sheets; and petty discordances were often disregarded when the comparisons were made. The individual zones being then printed from one set, while the catalogue was forming from the other, these little differences have been perpetuated. The catalogue-places are probably the more precise, but the discrepancies are practically insignificant.

An absolute freedom from errors cannot properly be expected in a work containing considerably more than two millions of figures. Yet, as I am not aware of any reasonable precaution for securing accuracy which has been neglected, I trust that the errors which may remain are few, although the difficulties in avoiding and detecting

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El reiterado exámen que con recomendable labor y habilidad han hecho en diferentes fechas los Señores Thome, Bachmann y Davis, de las posiciones deducidas, ha contribuido en alto grado á su exactitud; y la revision final, ejecutada por los Señores Thome, Davis, Stevens y Wiggin, puede considerarse como una parte esencial de la obra. El cuidado puesto por los impresores merece tambien mi cordial reconocimiento.

Un Apéndice, conteniendo todos los datos requeridos para la fácil determinacion del cambio precesional entre 1875.0 y cualquier otra época, se halla agregado á ambos tomos del catálogo.

Córdoba, 1884 *Febrero* 15.

No habian trascurrido ocho horas despues de escritos los últimos párrafos de la Introduccion que precede, cuando D. Chalmers William Stevens, cuyos grandes é importantes servicios se mencionan allí, fué subitamente arrebatado á sus tareas terrestres por un rayo. Estando sentado á la mesa, leyendo, cayó exánime sin un instante de preparacion; pero no la necesitaba.

En esta obra, para cuya feliz conclusion él habia trabajado diligente y laboriosamente, es justicia se dediquen algunas palabras para conmemorar su vida. Nacido en New Hampshire, el 4 de Abril de 1852, se graduó de la Universidad Dartmouth, y fué empleado por algun tiempo en la triangulacion de su estado nativo. Vino á Córdoba á principios del año 1879; desde cuya fecha su cooperacion en el Observatorio ha sido constante é inestimable. Era dotado de fuerzas, tanto físicas como mentales, poco comunes, y de genio notablemente festivo. Su vida ofreció un ejemplo de intachable probidad.

them have been exceptionally great. The laborious and skilful scrutiny, which Messrs. Thome, Bachmann, and Davis have devoted at different times to the resultant positions, has contributed to their accuracy in a high degree; and the revision by Messrs. Thome, Davis, Stevens, and Wiggin may be regarded as forming an essential part of the finished work. The care bestowed upon the printing by Messrs. C. F. Hodgson & Son calls also for cordial acknowledgement.

An Appendix, containing all the data needful for an easy determination of the precessional change between 1875.0 and any other epoch, is annexed to each volume of the catalogue.

Cordoba, 1884 *February* 15.

Not eight hours after the last sentences of the preceding Introduction were written, Mr. Chalmers William Stevens, whose great and important services are there recorded, was suddenly removed from earthly duties by a stroke of lightning. Seated at his table reading, he fell lifeless without an instant's warning; but he needed none.

In this work, for the successful completion of which he had earnestly and laboriously toiled, it is fitting that a word be said to commemorate his useful life. Born in New Hampshire, 1852 April 4, and graduated from Dartmouth College, he was engaged for a time upon the triangulation of his native state. He came to Cordoba at the beginning of the year 1879, since which time his assistance in the Observatory has been constant and invaluable. He was endowed with unusual physical and mental vigor, and a peculiarly cheerful temperament; and his life was an example of blameless integrity.

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
1	9	0 0 0.95	48 14 31.3	758	76
	9	0.99	32.2	70	70
2	9½	0 4.95	70 35 31.2	479	54
3	8½	0 6.35	53 37 46.2	72	45
4	9	0 13.27	33 17 17.9	21	47
5	9½	0 14.15	48 16 49.3	70	71
	9	14.21	50.9	758	77
6	7½	0 16.38	36 46 45.9	68	91
	8	16.50	45.5	31	28
7	8¾	0 16.78	25 18 52.5	4	80
	9	16.94	47.8	478	85
8	6	0 26.16	23 48 7.6	33	50
9	8½	0 27.66	41 36 33.7	51	65
10	8	0 30.62	71 17 8.0	480	32
11	6½	0 31.32	39 34 25.2	85	9
12	9½	0 31.58	41 41 12.4	51	66
13	8½	0 32.89	55 51 21.5	458	110
14	9½	0 33.09	57 32 35.6	45	65
	9½	33.41	36.1	45	63
15	9	0 34.01	38 49 10.8	68	93
16	7½	0 34.30	44 40 52.9	80	12
	8	34.48	56.0	36	47
17	9	0 37.25	41 6 34.4	85	10
18	9	0 39.98	26 17 50.1	483	2
19	8½	0 45.20	31 15 27.8	77	30
20	8	0 46.48	38 37 27.6	68	92
	8	46.57	28.9	68	94
21	8½	0 47.18	42 46 56.9	51	67
22	9	0 48.61	23 48 33.5	33	51
23	9½	0 53.28	60 45 57.9	475	79
24	8	0 54.00	28 5 32.8	483	4
	8½	54.10	34.8	66	147
25	8½	0 54.56	42 35 11.0	51	68
26	8½	0 57.47	32 44 51.1	77	29
	8½	57.76	51.6	461	28
27	7	0 57.83	26 2 52.7	483	3
	7¼	57.86	52.8	4	81
	7	57.89	50.9	478	87
28	8	0 59.35	77 25 36.6	482	6
29	8½	0 59.95	74 37 54.8	480	30
30	8½	1 1.85	41 10 32.1	85	11
31	8	1 2.61	57 31 54.8	45	64
32	9	1 2.87	43 15 21.7	80	13
33	9	1 6.53	24 31 3.3	33	52
	8½	6.89	2.8	478	86
34	7½	1 7.43	56 42 29.5	458	111
35	8½	1 15.57	61 20 10.7	475	80
	8½	15.69	8.1	468	28
36	8½	1 15.80	78 11 23.7	482	8
37	8	1 16.15	45 48 42.5	38	43
38	8	1 18.47	63 0 36.4	468	29
	8	18.54	38.5	475	81
39	9	0 1 21.57	56 56 43.9	458	112
40	8½	0 1 21.65	47 14 23.3	758	78
	8½	21.71	25.0	70	72
41	9½	1 21.78	36 28 51.9	31	29
42	8½	1 22.91	67 35 30.2	479	56
43	7½	1 23.85	66 37 32.2	75	39
44	9	1 28.64	29 1 12.9	66	148
	9½	28.91	11.0	59	144
45	8	1 35.39	51 57 10.0	83	11
46	9	1 41.12	46 4 38.1	38	44
47	5½	1 42.12	34 13 30.3	21	48
	6	42.14	31.0	49	1
48	8	1 51.81	78 54 21.9	482	7
49	8½	1 54.34	54 50 52.6	72	46
50	7½	1 54.66	79 17 39.6	482	9
51	8½	1 56.34	33 23 43.3	21	49
	7½	56.40	40.4	461	29
52	9	1 58.08	70 45 4.9	479	55
53	8	2 4.76	24 47 23.6	33	53
	7½	4.88	23.2	478	88
54	9	2 5.05	30 45 49.0	77	31
55	9	2 5.72	52 5 46.0	83	12
56	8½	2 6.78	26 40 27.2	483	5
57	8½	2 16.61	33 10 1.5	77	32
	8½	16.78	2.8	461	30
58	7½	2 25.03	35 29 23.0	31	30
59	8½	2 26.34	37 26 18.2	68	95
60	7½	2 27.53	47 45 17.2	758	79
	8	27.67	18.1	70	73
61	9½	2 29.12	49 20 7.2	481	31
62	8	2 29.32	74 56 2.3	480	31
63	7½	2 31.30	22 52 30.1	33	54
64	9	2 32.46	67 27 18.2	479	57
65	9	2 32.80	60 49 57.0	475	83
	9½	33.05	56.8	468	31
66	9½	2 33.07	60 57 33.3	468	30
	9½	33.08	35.1	475	82
67	9	2 33.16	26 55 10.4	483	6
68	8	2 37.82	40 25 55.6	85	12
69	8	2 41.33	35 47 14.0	31	31
70	9	2 41.68	29 1 27.2	66	149
	9½	41.76	29.0	59	145
71	6½	2 43.45	54 41 51.3	458	114
	6½	43.52	54.1	72	47
72	9½	2 45.73	35 26 28.3	31	32
73	9	2 46.91	38 58 59.5	68	96
74	8½	2 47.70	51 18 11.2	83	13
75	7½	2 48.02	50 42 32.1	481	33
	8½	48.08	31.1	79	19
	8	48.15	31.7	83	14
76	9½	2 49.16	50 45 45.3	481	34
77	7	0 2 49.26	50 51 46.1	83	15
	7½	49.39	43.8	79	20
	7	49.48	44.4	481	32

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
78	8½	0 2 49.61	32 10 22.9	77	33	
79	9½	2 51.25	22 45 20.2	33	55	
80	6	2 58.54	28 41 1.0	66	150	
81	9	3 1.99	59 45 18.2	45	66	
82	4	3 3.51	46 26 12.1	88	1	
	4	3.62	11.2	38	45	
83	9	3 7.58	33 20 33.6	21	50	
84	9	3 7.69	32 12 16.5	77	34	
85	9	3 9.80	34 48 20.4	49	2	
86	8½	3 11.78	41 20 43.9	51	69	
87	9	3 15.57	47 4 12.3	758	80	
	9½	16.03	10.5	70	74	
88	9½	3 16.73	25 4 48.7	478	89	
89	9	3 16.75	38 17 17.2	68	97	
90	8½	3 18.51	32 46 28.9	77	35	
91	8	3 21.34	56 53 10.8	458	113	
92	8½	3 21.68	38 0 34.8	68	98	
93	9	3 21.93	63 2 0.1	475	85	
	8½	22.11	1.1	468	33	
94	9½	3 22.32	25 13 18.7	478	90	P
95	9	3 24.21	22 46 56.6	33	56	
96	8	3 26.62	64 17 2.9	75	42	
97	8½	3 26.98	41 35 3.7	51	70	
98	9½	3 27.92	51 9 23.8	481	36	
	9½	27.93	21.7	83	17	
99	8½	3 29.94	34 28 45.5	21	51	
100	8½	3 30.08	50 33 27.8	83	16	
101	9½	3 35.06	68 8 36.0	479	59	
102	8	3 35.95	50 57 46.6	481	35	
	8½	36.00	43.5	79	21	
103	7½	3 36.89	26 34 15.5	483	7	
	7¾	36.96	14.4	4	82	
104	7½	3 36.95	45 21 45.9	88	2	
	8	37.08	44.9	38	46	
105	6½	3 36.97	62 59 34.1	475	84	
	6½	37.08	33.5	468	32	
106	9	3 49.38	33 58 30.9	461	31	
107	8½	3 49.62	63 59 27.2	75	41	
108	8½	3 50.14	49 50 16.1	79	22	
109	9	3 56.89	79 17 6.1	482	11	
110	9½	4 1.94	68 0 57.9	479	60	
111	9	4 3.10	44 13 5.5	80	14	
112	9	4 3.11	48 50 21.9	758	81	
113	10	4 3.86	67 3 33.7	479	58	
114	8	4 7.24	79 41 49.9	482	10	
115	9½	4 8.76	71 31 57.5	480	34	
116	7	4 9.33	78 59 43.6	482	12	
117	8½	4 13.23	22 49 59.1	33	57	
	8½	13.42	56.9	33	59	
118	9½	4 15.45	73 49 42.6	480	36	
	9	15.75	39.6	480	33	
119	7	4 16.75	31 58 24.8	77	36	
120	8½	4 17.71	41 48 48.2	51	71	
121	9	4 23.70	64 19 47.4	75	43	
122	8½	4 24.68	39 27 48.7	85	13	
123	7½	4 24.69	22 37 43.6	33	58	
124	8½	4 25.87	55 5 49.0	72	48	
	8½	25.87	46.4	458	115	
125	7	4 25.93	35 33 21.4	31	33	
126	7	4 29.39	73 55 14.4	480	35	
127	9½	4 31.51	59 52 14.8	45	67	
128	8½	4 36.83	42 56 48.3	80	15	
	9	36.83	49.1	51	72	
129	9½	4 38.73	32 44 58.8	461	32	
130	9½	4 40.76	74 12 10.0	480	37	
131	8½	4 42.23	24 17 33.0	478	91	
132	9½	4 45.21	62 26 31.1	475	86	
133	9½	4 49.42	36 46 24.1	68	99	
134	9	4 56.53	30 20 9.1	59	146	
135	7½	0 4 58.50	41 4 4.7	85	14	
136	8½	0 4 58.96	33 29 44.6	461	34	
	9	59.03	43.9	49	3	
137	8½	4 59.07	33 5 57.1	77	37	
	8	59.08	58.6	21	52	
	8½	59.24	58.4	461	33	
138	9	5 0.39	27 42 29.7	483	8	
	9	0.42	29.4	66	151	
139	9	5 1.46	55 14 52.7	458	116	
140	9	5 4.56	49 47 1.3	481	37	
	9½	4.81	0.7	79	23	
141	9	5 7.55	26 56 43.2	66	152	
142	5½	5 13.36	28 29 45.0	66	153	
143	9	5 14.46	50 19 25.0	481	39	
144	8	5 14.51	24 19 35.5	478	92	
145	8	5 14.66	59 36 17.3	45	68	
146	8½	5 15.72	56 26 42.0	458	117	
147	8	5 20.96	50 20 58.3	481	38	
148	6	5 22.71	35 49 58.4	31	34	
149	9	5 23.63	72 56 16.6	480	40	
150	8½	5 27.52	33 55 31.6	21	53	
	8½	27.62	29.7	461	35	
151	8½	5 32.49	72 58 15.2	480	41	
152	8	5 32.84	23 30 43.3	33	60	
153	9	5 35.12	48 49 29.0	758	82	
	8½	35.15	27.4	70	75	
	9½	35.17	28.9	79	24	
154	7½	5 35.79	54 54 13.4	458	119	
	8	35.86	15.7	72	49	
155	6½	5 38.75	42 51 58.0	80	16	
	6½	38.77	57.6	51	73	
156	9	5 40.66	27 35 2.1	483	9	
157	8	5 46.32	55 26 47.2	458	118	
158	8½	5 50.77	55 3 35.2	72	50	
	8	50.99	34.9	458	120	
159	8	5 50.87	59 12 53.6	45	69	
160	8	5 51.78	28 28 50.0	66	154	
161	7½	5 57.24	76 10 21.6	482	14	
162	9	6 1.77	51 23 42.0	83	18	
163	9	6 4.47	40 18 16.4	85	15	
164	9	6 6.92	22 45 33.7	33	61	
165	9	6 11.24	33 1 0.3	77	38	
	8½	11.27	3.5	21	54	
166	9	6 13.30	62 18 0.2	475	87	
	8½	13.35	0.4	468	34	
167	8	6 15.79	27 33 8.2	483	10	
168	8½	6 16.79	53 1 35.6	83	19	
169	10	6 19.57	30 2 13.2	59	147	
170	8½	6 20.08	33 58 58.6	461	36	
171	7½	6 22.53	43 51 35.5	80	17	
172	8	6 28.17	62 0 29.8	468	35	
	8½	28.27	30.5	468	38	
173	9	6 28.73	32 35 39.0	461	37	
174	9½	6 30.62	74 46 45.1	480	39	
175	8½	6 32.10	22 57 38.1	33	62	
176	9	6 33.06	48 12 30.0	758	83	
177	9½	6 38.09	30 9 45.3	59	148	
178	8	6 38.71	30 45 13.4	77	39	
	8	38.74	13.3	90	1	
179	7½	6 39.67	58 36 32.2	45	70	
180	6½	6 42.66	23 10 0.0	33	63	
181	9	6 44.63	41 4 34.4	85	16	
	8½	44.65	34.0	51	75	
182	8	6 49.13	28 30 29.8	66	155	
183	9½	6 51.75	74 43 58.4	480	42	
	9	51.83	55.5	480	38	
184	7½	6 51.97	43 45 38.5	80	18	
185	7½	6 54.91	27 1 12.8	483	11	
	7¼	55.00	13.2	4	83	
	8	55.01	14.4	66	156	
186	6½	0 6 55.53	38 31 5.7	68	100	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
187	8	0 6 56.60	24 25 39.5	478	93	
188	8½	6 58.77	33 49 23.1	461	38	
189	8½	7 8.76	72 13 7.1	480	43	
190	10	7 10.31	70 21 13.4	479	62	
191	9½	7 11.84	26 47 7.2	483	14	
192	9	7 11.86	41 3 18.7	85	17	
	8½	12.02	16.9	51	74	
193	8	7 14.60	30 16 14.2	90	2	
	9	14.63	10.2	59	149	
194	8½	7 16.22	60 35 60.9	475	88	
	8½	16.43	58.6	468	36	
195	6	7 21.35	26 42 53.4	483	13	
	6	21.55	54.3	4	85	
196	10	7 23.44	70 56 49.0	479	61	
197	7½	7 23.45	23 54 27.4	33	64	
	7	23.56	24.7	478	94	
198	9	7 23.67	66 38 20.6	75	44	
199	6½	7 24.06	26 58 49.6	483	12	
	6½	24.15	47.6	4	84	
	6½	24.29	51.5	66	157	
200	9	7 24.13	42 54 3.5	80	19	
201	9	7 24.99	60 42 38.1	468	37	
	9½	25.15	40.3	475	89	
202	7	7 30.09	49 22 43.5	79	26	
	7	30.10	44.4	481	41	
203	8½	7 30.89	49 7 37.4	758	84	
	9	30.93	37.8	79	25	
	8½	31.11	35.5	481	40	
	8½	31.12	36.1	70	76	
204	8½	7 34.71	53 15 59.3	72	51	
205	8½	7 35.41	77 26 8.9	482	13	
206	8½	7 38.79	53 14 15.7	72	52	
207	7	7 39.70	57 41 47.5	45	72	
208	9½	7 45.10	23 54 4.9	478	95	
209	9½	7 45.60	76 10 48.8	482	17	
210	9½	7 45.89	50 57 29.4	83	20	
211	9½	7 48.28	57 33 25.3	45	71	
212	8	7 54.55	36 30 7.9	31	35	
213	9	7 55.83	75 22 55.3	482	16	
214	7	8 0.42	28 13 17.6	66	159	
215	8½	8 1.18	43 55 53.4	80	20	
216	6½	8 2.13	55 45 47.7	458	121	
217	9½	8 3.86	29 37 33.0	59	150	
218	8½	8 5.84	27 51 49.6	66	158	
219	7½	8 8.39	41 6 55.4	51	76	
	8	8.40	55.2	85	19	
220	7	8 9.05	75 36 30.4	482	15	
221	7	8 12.46	63 28 2.0	468	39	
	7	12.48	0.6	475	90	
	7	12.83	4.3	75	46	
222	9	8 13.38	72 9 46.9	480	44	
223	9½	8 14.37	66 34 39.9	75	45	
224	8½	8 15.97	69 36 49.1	479	63	
225	9	8 16.69	31 42 59.0	77	40	
226	8	8 17.22	50 33 31.4	83	21	
	8½	17.23	30.2	79	27	
	8	17.25	32.1	481	42	
227	8½	8 19.94	48 34 33.0	758	85	
	8	20.06	33.1	70	78	
	8	20.16	31.3	70	79	
228	9½	8 21.33	40 29 14.5	85	18	
229	8½	8 21.67	33 44 23.9	461	39	
230	8½	8 23.13	47 18 43.9	758	86	
	8	23.41	43.5	70	77	
231	7½	8 28.10	46 43 44.6	88	3	
232	7½	8 34.32	32 50 48.8	21	55	
	7½	34.34	46.1	77	41	
	8	34.36	47.8	461	40	
233	6½	0 8 39.46	35 35 57.8	31	37	
234	7½	0 8 42.01	36 51 21.9	68	101	
	8	42.06	21.8	31	36	
235	8½	8 43.03	28 11 55.0	66	160	
236	9	8 44.36	52 51 43.6	72	53	
237	8½	8 47.99	46 40 19.0	88	4	
238	8½	8 48.52	29 42 6.4	90	3	
	9	48.65	4.4	59	151	
239	8½	8 53.01	25 10 43.7	478	96	
240	8	8 55.00	23 35 5.9	33	65	
241	7½	8 58.07	40 47 26.5	85	20	} dpl.
242	10	8 58.24	40 47 11.3	85	21	} dpl.
243	8½	8 59.44	42 51 32.7	51	78	
	8	59.44	35.6	80	21	
244	9	9 2.30	69 13 37.6	479	64	
245	7	9 3.46	32 44 24.1	461	41	
	8½	3.63	23.2	77	42	
246	8½	9 6.60	30 51 49.3	77	43	
	8	6.66	49.7	90	4	
247	8½	9 11.03	69 32 38.0	479	65	
248	9	9 11.38	50 53 29.8	83	22	
	9½	11.43	28.7	481	43	
249	9½	9 12.97	60 23 28.0	45	73	
250	7½	9 13.25	41 8 47.4	85	22	
	7½	13.39	48.1	51	77	
251	9	9 13.87	25 2 22.0	478	97	
252	9½	9 16.76	51 0 3.6	83	23	
253	8	9 25.97	35 50 43.4	31	38	
254	9	9 26.40	36 47 18.1	68	102	
255	7½	9 26.67	46 56 0.2	88	5	
	7½	26.93	1.1	758	87	
	7½	27.08	1.5	70	80	
256	9	9 34.22	70 26 46.1	479	66	
257	8½	9 41.90	50 51 41.8	83	24	
	9	42.00	41.5	79	28	
	8½	42.08	39.1	481	44	
258	9½	9 42.34	62 14 4.9	475	91	
259	9½	9 44.16	72 26 8.6	480	47	
260	9	9 44.63	72 7 17.7	480	46	
261	8	9 47.02	43 21 56.3	80	22	
262	6	9 49.39	32 8 23.1	461	42	
	6	49.42	24.4	77	44	
263	8	9 54.40	49 15 1.5	481	45	
	8½	54.55	4.2	79	29	
264	8	9 55.44	59 28 5.8	45	74	
265	9½	9 56.25	23 16 21.4	33	67	
266	9	10 1.75	34 9 43.8	49	4	
267	9½	10 2.28	27 50 22.2	66	161	
268	8	10 3.00	23 16 54.1	33	66	
269	9½	10 3.84	27 54 50.2	66	162	
270	9	10 5.65	63 51 25.0	75	49	
271	9	10 6.30	71 56 42.4	480	45	
272	9½	10 6.64	35 31 24.2	31	39	
273	7½	10 9.15	44 28 30.2	80	23	
274	6½	10 10.09	76 36 23.3	482	18	
275	8½	10 11.14	37 29 26.6	68	103	
276	9	10 11.68	52 18 16.7	83	25	
277	7½	10 14.29	33 27 18.4	49	6	
	7½	14.53	15.4	461	43	
278	9½	10 17.03	64 43 53.6	75	47	
279	9½	10 17.36	39 31 35.8	85	23	
280	9	10 18.99	35 32 46.2	31	40	
281	10	10 19.50	63 50 33.7	75	48	
282	8½	10 19.89	44 33 8.1	80	24	
283	7½	10 22.18	56 9 54.8	458	122	
284	8½	10 22.41	56 55 6.2	458	123	
285	6½	10 24.60	33 22 55.5	49	5	
	7	24.62	56.2	461	44	
286	9½	10 27.71	42 26 40.1	51	79	
287	7½	0 10 28.18	71 5 11.2	479	67	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
288	8	0 10 32.32	47 15 59.0	758	88
	8	32.47	58.3	70	81
289	10	10 37.72	70 39 28.2	479	70
290	8½	10 38.21	50 19 17.9	481	46
291	7½	10 38.61	53 21 8.0	72	54
292	9	10 40.67	28 44 46.3	66	163
293	9	10 42.58	79 22 12.0	482	19
294	8	10 50.03	58 50 46.7	45	75
295	10	10 51.52	65 24 33.0	75	50
296	7½	10 57.57	44 32 48.8	80	25
297	9	11 5.98	50 20 20.4	481	47
298	8½	11 7.22	61 57 8.5	468	40
	8½	7.25	8.1	475	92
299	8	11 9.44	45 20 46.3	88	6
300	9½	11 9.55	70 39 29.2	479	68
301	9½	11 12.36	52 12 57.6	83	26
302	7	11 14.65	79 28 27.2	482	20
303	9½	11 18.53	49 9 55.5	70	82
304	9½	11 19.—	38 17 42.4	68	104
305	8	11 27.35	74 39 21.3	480	51
306	9½	11 27.45	66 21 20.5	75	52
307	10	11 29.26	72 36 37.1	480	48
308	7½	11 34.70	61 29 34.7	468	41
	7	34.75	36.5	475	93
309	9	11 37.35	48 45 24.8	758	89
310	8½	11 37.63	26 36 37.8	483	15
	8½	37.73	36.8	4	86
311	8½	11 40.51	70 34 22.9	479	69
312	8½	11 46.69	67 3 13.0	75	54
313	9	11 49.66	46 27 26.9	88	7
314	10	11 52.17	66 17 5.3	75	53
315	8	11 53.24	44 39 56.0	80	26
316	8½	11 54.10	74 22 17.2	480	50
317	9½	11 54.56	50 48 54.1	481	48
318	9	11 56.86	52 21 54.4	83	27
319	9½	11 58.57	36 31 1.9	31	41
320	8½	12 0.30	53 39 21.5	72	56
321	8	12 1.67	34 52 7.2	49	7
322	6½	12 2.—	37 12 15.9	68	105
323	8½	12 8.27	69 45 20.7	479	71
324	9	12 9.04	52 49 7.6	72	55
	9½	9.10	7.5	83	28
325	9	12 9.79	65 45 30.2	75	51
326	8½	12 10.17	28 37 47.7	66	165
327	8	12 10.17	50 35 53.6	79	30
	7½	10.20	54.4	481	49
328	10	12 10.60	72 32 59.1	480	49
329	8	12 13.49	28 38 45.6	66	164
330	7	12 18.15	47 13 36.5	758	90
	7	18.39	37.7	70	83
331	9½	12 18.21	40 58 48.4	85	24
	9½	18.37	49.5	51	80
332	9½	12 20.12	22 44 19.7	33	68
333	9	12 21.10	32 23 42.4	77	45
334	9½	12 21.79	40 48 14.0	85	25
335	8	12 23.52	30 39 3.9	90	5
336	6½	12 28.77	43 55 49.2	80	27
337	9½	12 30.13	46 46 35.4	70	84
338	9	12 30.42	62 3 33.5	468	42
339	8½	12 36.92	76 21 30.0	482	22
340	8	12 40.82	61 31 28.1	475	94
	8	40.94	28.2	468	43
341	9	12 41.81	25 8 8.0	478	98
342	9½	12 44.22	24 7 49.0	478	100
343	9½	12 45.12	49 46 49.3	481	50
	9½	45.52	52.5	79	31
344	9½	12 47.00	23 36 22.1	33	69
345	9	12 50.20	24 56 49.9	478	99
346	8½	0 12 58.66	34 36 9.1	49	8
347	9	0 12 59.27	45 57 19.6	88	8
348	8	13 6.67	40 48 21.5	85	26
349	7½	13 8.68	47 11 36.1	88	9
	7	8.87	34.4	758	91
	7	8.98	37.2	70	85
350	9	13 12.—	38 27 12.2	68	106
351	7½	13 14.43	54 32 18.7	458	125
	8	14.53	18.9	72	57
352	8	13 19.35	60 22 56.2	468	45
	8	19.54	54.5	45	76
	8	19.65	55.4	475	95
353	8	13 21.84	54 42 16.0	458	124
	8½	21.92	15.6	72	58
354	8½	13 24.24	31 21 12.5	77	46
355	8½	13 24.67	43 46 36.3	80	28
356	8	13 25.20	51 7 26.4	79	32
	7½	25.23	24.7	481	51
	7½	25.26	25.3	83	29
357	4	13 32.08	65 36 35.4	75	55
358	9½	13 35.16	28 21 2.7	66	166
359	8	13 37.26	78 41 0.5	482	21
360	8	13 39.28	25 48 42.8	54	1
	7½	39.44	42.2	483	16
	7¾	39.55	44.7	4	87
361	8½	13 44.46	61 36 23.6	468	44
	8½	44.77	21.6	475	96
362	9	13 44.91	69 47 47.7	479	73
363	9	13 49.87	32 30 20.6	77	47
364	9½	13 53.40	38 59 4.0	85	27
365	8	13 54.81	36 35 47.1	31	42
366	8¾	14 1.70	25 23 49.3	4	88
	8½	1.70	47.7	478	102
367	9½	14 1.72	24 22 34.4	478	101
368	9½	14 4.78	62 17 38.7	475	99
369	9½	14 9.28	73 29 58.2	480	53
370	8½	14 9.38	52 40 20.3	83	31
371	8	14 11.52	31 14 56.5	90	6
	8½	11.60	55.7	77	48
372	9	14 15.40	37 37 33.2	68	107
373	9	14 15.70	57 51 25.0	45	77
374	9½	14 22.13	51 7 13.3	83	30
375	9	14 22.81	26 59 31.3	54	2
	9	22.95	32.1	66	167
	8½	23.13	32.5	483	17
376	9½	14 25.45	69 35 43.5	479	72
377	8	14 26.25	26 9 36.7	483	18
	8½	26.32	36.1	478	103
	8¼	26.36	35.3	4	89
378	8½	14 28.23	62 23 43.0	475	98
	8½	28.39	41.8	468	46
379	7	14 30.04	24 19 26.9	478	104
	7	30.05	28.7	33	70
380	9	14 33.77	24 15 27.1	33	71
	9	33.87	24.3	478	105
381	8½	14 35.07	37 10 18.0	68	108
382	9	14 37.42	62 3 23.9	475	97
383	8	14 38.45	30 22 50.7	90	7
384	7	14 40.72	39 55 54.7	85	28
385	8	14 42.91	35 37 44.6	31	43
386	9½	14 48.05	26 57 21.7	54	3
	9	48.26	22.1	483	19
	9½	48.27	21.7	66	168
387	6	14 50.43	70 19 8.8	479	74
388	8	14 52.61	77 55 2.1	482	24
389	9	14 55.54	71 52 5.3	480	55
390	8½	14 58.58	72 40 20.8	480	54
391	9	14 59.91	65 48 22.5	75	58
	9	59.99	21.7	75	56
392	7	0 15 0.22	36 29 29.0	31	44

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
393	9	0 15 0.63	59 27 9.6	45	78	
394	9½	15 1.93	39 23 34.9	85	29	
395	9	15 3.56	48 24 31.0	758	93	
396	9	15 5.96	48 59 14.5	758	92	
	9	6.20	12.7	70	86	
397	9	15 6.27	74 40 16.4	480	52	
398	9½	15 7.94	76 27 9.4	482	23	
399	5½	15 14.24	29 40 21.1	90	8	
400	9	15 15.42	55 16 3.1	458	126	
401	8¼	15 15.95	25 46 10.4	4	90	
402	9½	15 16.66	71 18 15.1	480	57	
403	9	15 17.02	34 51 45.4	49	9	
404	9	15 18.52	36 3 19.2	31	45	
405	9	15 19.56	49 41 17.7	481	52	
	9½	19.57	18.0	79	33	
406	8½	15 26.58	67 5 24.9	479	76	
407	8½	15 29.71	54 57 28.7	72	59	
408	8½	15 32.85	23 20 5.3	33	72	
409	8	15 32.91	23 41 55.1	33	73	dpl. II. s. pr.
410	9	15 33.11	24 4 45.2	478	106	
411	8	15 35.99	66 26 43.8	75	57	
412	8	15 40.30	66 59 51.2	479	75	
413	8½	15 43.56	27 24 17.1	66	169	
	9	43.64	16.5	483	20	
414	9½	15 47.09	25 37 51.5	54	5	
	9½	47.47	49.9	478	107	
415	9	15 47.32	42 23 38.8	51	82	
416	9	15 47.87	39 23 26.2	85	30	
417	9	15 54.31	48 25 41.0	758	94	
418	9	15 55.63	25 54 28.3	54	4	
	8¼	55.89	29.9	4	91	
	8½	55.93	31.0	483	21	
419	8	15 55.65	39 4 35.2	68	110	
420	9	15 58.49	46 59 56.8	758	95	
	9	58.78	58.3	88	10	
421	9	16 2.02	44 34 29.5	80	29	
422	8	16 2.09	24 31 58.6	478	110	
423	9	16 3.36	42 22 2.8	51	83	
424	8½	16 4.44	38 15 23.6	68	109	
425	8½	16 4.45	27 42 43.4	483	22	
	8½	4.53	42.7	66	170	
426	8½	16 5.55	42 37 41.8	51	81	
427	9½	16 6.63	25 42 10.1	54	7	
	9½	6.76	8.1	478	109	
428	7	16 6.87	78 7 11.6	482	25	
429	9	16 8.04	25 40 53.0	54	6	
	9	8.34	50.6	478	108	
	8¾	8.48	52.7	4	92	
430	8	16 10.82	61 59 28.1	468	47	
	8	11.11	28.4	475	100	
431	9½	16 12.61	71 13 24.4	480	56	
432	7	16 13.75	51 41 15.5	83	32	
433	9	16 28.82	59 42 50.4	45	80	
434	9	16 29.51	59 0 27.9	45	79	
435	8	16 29.53	32 23 52.6	77	49	
436	8	16 30.48	68 19 14.1	479	77	
437	7½	16 31.31	36 4 51.5	31	46	
438	9	16 33.24	46 58 37.6	88	11	
	9	33.38	39.4	758	96	
439	10	16 33.56	52 51 1.0	83	33	
440	6½	16 34.57	39 57 16.6	85	31	
441	8	16 34.67	61 43 42.0	468	48	
	7	34.77	40.3	475	101	
442	9	16 35.17	40 58 50.5	85	32	
443	9½	16 37.11	64 22 13.6	75	59	
444	9	16 37.52	41 4 47.8	85	33	
445	7	16 38.89	38 5 47.2	68	111	
446	9	16 43.25	49 52 41.3	481	53	
447	8	0 16 43.98	53 55 4.8	72	60	
448	9½	0 16 47.80	23 45 32.3	33	74	
449	9½	16 52.47	47 15 15.4	70	87	
450	9½	16 54.44	45 42 58.7	88	12	
451	7	16 57.10	31 43 44.4	77	50	
452	8	16 57.61	49 2 31.2	79	34	
	7½	57.61	30.3	758	97	
	8	57.68	28.8	481	54	
453	9	16 58.69	73 43 27.6	480	59	
454	9	17 1.86	33 51 55.2	49	11	
455	10	17 2.45	60 58 37.4	475	102	
456	7	17 6.33	30 32 21.8	90	9	
457	9½	17 6.36	69 21 20.6	479	78	
458	9½	17 6.96	36 22 0.2	31	47	
459	8½	17 14.92	65 48 43.5	75	60	
460	9	17 18.73	33 33 35.7	49	10	
461	8½	17 21.18	30 10 48.3	90	10	
462	9	17 21.91	30 4 3.3	90	11	
463	8	17 23.86	54 31 59.8	72	61	
464	7½	17 30.18	54 44 52.9	72	62	
465	9½	17 32.68	52 42 26.7	83	34	
466	8½	17 37.23	50 3 2.0	79	35	
	8	37.25	3.3	481	55	
467	8½	17 40.21	31 57 43.4	77	51	
468	9½	17 40.06	50 37 54.8	481	56	
469	8½	17 40.76	38 53 4.9	68	113	
470	9	17 42.86	28 6 22.4	66	171	
	9½	42.95	22.9	483	23	
471	8	17 43.68	63 7 15.2	475	103	
	8	43.84	15.4	468	49	
472	8	17 51.37	38 6 12.5	68	112	
473	8	17 55.73	24 5 44.2	478	111	
	8	55.85	43.9	33	75	
474	8½	17 56.14	77 25 3.8	482	27	
475	9½	17 57.11	40 22 17.4	85	34	
476	9½	18 2.27	25 32 3.6	54	8	
477	8	18 2.96	29 40 24.7	487	1	
	8	3.05	26.1	90	12	
478	8	18 3.44	27 43 22.8	483	24	
	8	3.45	22.2	66	173	
479	9	18 4.95	44 49 56.6	80	30	
	9½	5.17	57.8	88	13	
480	9½	18 5.04	47 40 11.3	758	98	
481	8	18 6.25	36 19 59.0	31	48	
482	9	18 9.28	59 31 27.1	45	81	
483	8½	18 13.49	27 36 34.0	66	174	
	8½	13.68	32.6	483	25	
484	9	18 15.65	29 6 30.7	66	172	
	8½	15.66	32.1	90	13	
485	9	18 16.78	25 25 50.3	54	9	
486	10	18 23.19	73 0 34.2	480	62	
487	9	18 24.97	72 56 46.9	480	61	
488	9	18 26.51	71 8 11.8	479	79	
489	9	18 26.83	34 1 48.2	49	12	dpl. I.
490	8½	18 28.52	24 58 44.9	54	10	
	8¼	28.78	46.0	4	93	
	8	28.84	42.2	478	113	
491	10	18 29.79	74 12 22.7	480	58	
492	9½	18 31.58	24 8 46.6	33	76	
	8½	31.63	46.0	478	112	
493	7	18 32.90	51 43 40.2	83	35	
494	7½	18 37.25	54 40 33.1	72	63	
495	9½	18 38.51	57 43 44.5	45	82	
496	9	18 39.75	43 11 60.0	80	31	
	8½	39.89	59.2	51	84	
497	7½	18 45.65	42 34 44.0	51	85	
498	9½	18 47.11	58 42 24.7	45	83	
499	8	18 48.51	31 22 49.0	77	53	
500	9½	18 51.37	65 34 31.6	75	61	
501	9	0 18 51.96	76 22 9.8	482	28	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
502	8½	0 18 54.30	32 32 27.8	77	52
503	9	18 57.93	52 10 15.2	83	36
504	8	19 2.48	62 53 56.8	62	1
	8½	2.55	54.9	475	104
	8	2.59	54.5	468	50
505	9	19 4.67	35 22 24.8	31	49
506	9	19 4.75	45 9 8.1	80	33
507	3	19 7.67	77 57 30.2	482	26
508	9	19 9.88	33 47 59.8	49	13
509	7	19 10.97	39 56 59.3	85	35
510	9	19 11.22	35 31 31.1	31	50
511	8½	19 15.48	25 39 47.6	478	114
	9	15.56	47.9	54	11
	8¾	15.61	49.1	4	94
512	8½	19 16.93	45 4 21.3	80	32
	9	16.96	22.7	88	14
513	9	19 17.34	58 57 29.4	45	84
514	8½	19 18.73	29 50 2.3	90	14
515	9½	19 22.98	65 31 52.7	75	62
516	9	19 27.12	51 12 35.9	79	36
517	9½	19 27.82	35 31 16.3	31	51
518	7	19 29.79	28 24 5.2	66	175
	7	29.93	5.0	487	2
519	9	19 30.12	62 48 20.7	475	105
	9	30.43	29.2	62	2
520	9	19 30.16	73 18 34.5	480	60
521	8	19 34.85	52 5 43.2	83	37
522	9½	19 36.49	65 31 53.3	75	63
523	7½	19 41.96	31 26 28.1	77	54
524	8½	19 42.13	28 57 56.0	487	3
	8½	42.14	56.1	90	15
	8½	42.16	58.4	66	176
525	8	19 48.99	68 26 15.9	479	81
526	9½	19 50.21	35 33 21.1	31	52
527	9	19 53.33	47 39 58.0	758	99
	9½	53.66	57.8	70	88
528	9½	19 54·06	70 37 32.5	479	80
529	8	19 56.55	51 4 27.1	481	57
	8½	56.68	26.3	79	37
530	9	19 57.18	32 21 43.8	77	56
531	9	19 58.54	65 37 53.8	75	64
532	4	20 3.09	44 22 23.9	80	34
533	7	20 3.75	40 20 21.0	85	36
534	3	20 5.90	42 59 2.7	51	86
	2½	5.94	4.1	80	35
535	9	20 8.77	52 19 47.5	83	38
536	9	20 9.13	31 49 34.0	77	55
537	8½	20 12.74	62 13 51.0	475	106
	8½	12.82	49.3	468	51
538	9	20 14.21	23 8 28.3	33	77
539	8	20 15.79	29 6 14.4	487	4
	8	15.81	14.8	90	16
	8	15.84	14.5	66	177
540	9½	20 16.00	60 55 59.5	475	107
541	8½	20 16.91	33 43 4.0	49	14
542	9	20 16.98	40 23 36.2	85	37
543	9	20 19.02	59 29 14.3	45	85
544	9	20 20.47	43 2 4.2	80	36
	8½	20.70	2.5	51	87
545	9½	20 21.01	60 28 42.6	62	3
	9½	21.07	40.8	468	52
546	8½	20 39.23	50 10 2.5	481	58
	9½	39.34	4.0	79	38
547	9	20 40.13	40 15 5.9	85	38
548	9½	20 40.21	68 52 13.4	479	82
549	9½	20 40.34	59 39 2.5	45	86
	9½	40.37	0.3	45	89
550	9	20 41.66	23 59 6.1	33	78
	9	41.84	4.4	478	115
551	9	0 20 44.50	40 34 23.3	85	39
552	9	0 20 54.62	37 15 32.7	68	114
553	8½	20 55.43	60 34 12.3	62	4
	9½	55.64	12.9	468	53
554	6½	20 58.63	26 14 18.7	54	12
	6½	58.64	20.3	483	26
555	8	21 0.93	31 43 37.5	77	57
556	9	21 1.50	51 22 19.6	83	39
557	9	21 1.96	59 36 7.8	45	87
558	8½	21 3.01	54 46 54.5	72	64
559	7	21 3.49	69 59 54.5	479	85
560	8½	21 4.57	37 5 47.5	68	115
	9	4.60	48.1	31	53
561	8½	21 5.37	68 24 49.3	479	83
562	8	21 5.41	34 34 26.9	49	15
563	7	21 7.78	28 56 6.1	90	17
	7	7.81	6.9	66	178
	7	7.82	5.9	487	5
564	9	21 15.74	50 31 19.5	481	59
565	7½	21 16.28	32 31 15.7	77	58
566	9	21 16.51	34 59 7.1	31	54
	9	16.58	7.0	49	16
567	8	21 19.12	34 49 50.4	49	17
568	9	21 22.50	71 55 45.8	480	63
569	9	21 23.02	32 36 24.1	77	60
570	9	21 24.13	32 38 57.7	77	59
571	9	21 29.33	42 4 28.7	51	88
572	9	21 29.45	46 54 29.1	758	100
573	9	21 33.42	59 38 40.7	45	88
574	9½	21 34.30	60 52 10.9	475	109
575	8½	21 35.40	25 58 28.7	483	27
	8½	35.54	27.0	478	118
576	8½	21 36.56	51 26 21.3	83	40
577	8½	21 37.34	25 32 28.5	54	13
	8	37.49	26.8	478	116
578	9	21 39.67	60 45 6.2	45	90
	9	39.78	8.4	475	110
	9	39.91	7.5	62	5
579	9	21 40.17	30 8 39.9	487	6
580	9	21 41.95	28 39 47.1	66	179
581	9	21 46.18	60 58 18.8	468	54
	9	46.20	18.7	475	108
	8½	46.38	19.8	62	6
582	9½	21 48.36	25 53 4.5	54	14
	9	48.41	6.0	478	117
	8½	48.47	5.1	483	28
583	9½	21 53.04	51 8 3.1	481	60
	9	53.16	6.9	83	42
584	9½	21 56.15	37 24 11.8	68	116
585	9	21 58.35	50 25 39.9	481	61
586	6½	22 0.65	29 43 52.4	487	7
	7	0.66	51.8	90	18
587	9	22 1.61	41 52 12.8	51	89
588	7½	22 1.71	53 38 40.3	72	65
589	8	22 5.29	23 32 46.3	33	79
590	8½	22 10.30	72 34 26.6	480	64
591	7	22 12.40	29 58 29.5	90	19
592	9	22 13.81	30 48 12.2	77	61
593	8	22 14.52	46 33 24.7	88	15
594	8½	22 15.01	51 19 9.4	83	41
595	10	22 15.75	40 37 57.7	85	40
596	6	22 16.43	40 36 18.5	85	41
597	9½	22 20.70	66 52 28.5	75	68
	9½	20.70	28.1	479	86
598	9	22 22.79	29 46 5.0	487	9
	9	22.80	7.2	90	20
599	9	22 23.35	76 18 21.5	482	29
600	8½	22 25.82	34 39 40.0	49	18
601	8½	22 29.98	29 35 26.3	90	21
	8	30.12	25.6	487	8
602	9	0 22 30.51	41 51 23.6	51	90

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
603	9	0 22 31.05	37 42 8.9	68	117	
604	9	22 32.49	49 1 24.4	758	101	
605	9	22 32.58	66 36 11.6	75	67	
606	8	22 33.79	65 25 16.4	75	65	
607	7	22 35.04	25 19 41.9	54	15	
	7	35.16	40.4	478	119	
608	10	22 38.20	66 35 55.2	75	66	
609	6½	22 39.90	51 13 27.2	83	43	
	6½	39.90	24.5	481	62	
610	8½	22 45.35	35 34 37.9	31	55	
611	8½	22 45.68	45 17 51.6	88	16	
612	9	22 47.34	28 5 1.4	483	30	
	8½	47.45	3.9	487	10	
613	9½	22 47.55	70 21 58.3	479	84	
614	10	22 51.11	76 15 54.3	482	30	
615	9	22 51.78	53 45 1.1	72	66	
616	8	22 52.88	27 42 1.5	483	29	
	8	53.02	4.1	66	180	
617	9	22 58.79	61 27 57.3	475	111	
	9	59.02	59.4	62	7	
618	9	22 59.63	25 37 3.8	54	16	
	9	59.72	2.5	478	120	
619	8½	23 1.49	54 58 41.2	72	67	
620	8½	23 2.81	38 35 57.4	68	118	
621	9	23 5.05	34 47 34.0	49	19	
622	8½	23 5.12	51 17 54.8	83	44	
623	9	23 5.47	45 45 3.8	88	17	
624	9	23 12.25	36 24 53.6	31	56	
625	9	23 13.71	38 34 3.7	68	119	
626	8½	23 14.75	46 22 7.3	88	18	
627	7	23 15.41	41 21 22.7	51	91	
628	7½	23 22.21	33 16 0.3	49	20	
629	9	23 24.04	36 30 51.5	31	57	
630	6½	23 37.08	32 48 21.0	77	62	
631	8½	23 37.10	51 34 15.2	83	46	
632	7½	23 41.97	32 57 47.7	49	21	
	8	41.97	47.7	77	63	
633	9	23 42.74	27 56 10.2	66	181	
	9	42.82	10.6	487	11	
	9	42.97	8.1	483	31	
634	8½	23 46.59	44 46 20.4	80	37	
635	8½	23 49.80	41 9 13.8	51	92	
	8½	49.93	12.1	85	42	
636	9	23 50.06	51 23 26.8	83	45	
637	9	23 55.10	47 22 25.8	758	103	
	9	55.34	25.9	70	90	
638	9	23 55.66	46 53 9.5	758	102	
	9	56.01	9.6	70	89	
639	5	24 7.48	24 28 44.0	33	80	
	5	7.53	42.6	478	121	
640	8½	24 9.24	60 29 9.1	62	8	
	8	9.28	5.9	468	55	
641	9½	24 15.08	74 28 17.1	480	65	
642	9½	24 17.69	66 51 12.8	75	69	
	9	17.80	18.5	479	87	
643	8	24 18.04	48 44 43.6	758	105	
644	9½	24 18.10	60 1 42.8	45	91	
645	6½	24 21.18	40 12 24.0	85	43	
646	6½	24 21.20	41 37 49.9	51	93	
647	6	24 22.83	48 54 10.8	481	63	
	5½	22.84	8.9	79	39	
	6	22.89	9.9	758	104	
648	8½	24 24.84	29 13 36.5	487	12	
	8½	24.94	36.7	90	22	
649	8	24 24.98	28 37 35.5	485	1	
	8½	25.09	35.6	66	182	
	8½	25.12	37.5	487	13	
650	8½	24 27.95	47 43 31.6	70	91	
651	9	0 24 42.29	42 4 45.1	51	94	
652	10	0 24 47.04	39 26 25.9	85	44	
653	8½	24 47.49	36 55 43.8	31	58	
654	8½	24 48.49	38 28 43.2	68	120	
655	9½	24 53.55	51 32 9.1	83	47	
656	9	24 56.61	44 2 45.8	80	38	
657	8½	24 56.88	43 59 0.7	80	39	
658	8½	24 57.83	38 17 42.3	68	121	
659	8½	25 4.99	49 19 52.4	79	40	
	7½	5.17	50.7	481	64	
660	9½	25 5.56	61 38 5.1	62	9	
661	9	25 7.00	51 55 4.6	83	48	
662	9½	25 8.90	73 46 29.7	480	66	
663	10	25 13.72	70 13 36.8	479	88	
664	7½	25 14.20	44 17 49.4	80	40	
665	9	25 14.22	25 46 34.2	54	17	
	8½	14.25	35.9	478	122	
	8½	14.35	33.8	483	32	
666	9½	25 15.77	26 55 52.6	66	183	
667	9	25 18.48	52 20 24.1	83	49	
668	8	25 19.21	37 53 22.7	68	122	
669	7½	25 20.22	46 35 30.7	88	19	
670	5	25 22.85	49 29 43.1	79	41	
	4½	22.93	41.4	481	65	
671	9	25 24.28	36 57 52.7	68	123	
	8	24.29	56.0	31	59	
672	9	25 34.46	31 6 0.2	77	64	
673	9	25 36.45	28 31 8.2	485	2	
	9	36.49	10.0	487	14	
674	8½	25 37.75	37 33 58.8	68	124	
675	7¾	25 39.14	53 48 31.0	12	1	
	8	39.30	30.4	72	68	
676	9½	25 41.13	47 31 59.0	758	106	
677	9½	25 44.47	29 27 18.3	487	15	P
678	4½	25 48.37	63 38 47.2	468	56	
	4½	48.60	49.2	75	70	
679	4	25 48.76	63 39 13.5	468	57	
	5	48.97	15.9	75	71	
680	9	25 56.11	74 51 28.9	480	67	
	9½	56.38	28.8	482	31	
681	9½	26 0.97	27 29 7.1	483	33	
682	9	26 1.86	70 11 6.6	479	89	
683	9½	26 2.37	72 51 26.4	480	68	
684	8	26 6.50	25 20 13.1	54	18	
	7½	6.68	12.8	478	123	
685	9½	26 7.42	77 44 37.2	482	33	
686	8	26 15.10	32 44 46.0	77	65	
687	9	26 19.87	47 44 44.0	758	107	
688	9	26 20.42	38 58 4.0	85	45	
689	9	26 20.61	42 20 6.5	51	95	
690	8	26 21.28	29 26 19.7	487	16	
	8½	21.38	19.4	90	23	
691	8½	26 23.75	52 40 50.1	83	50	
692	9½	26 23.98	63 46 41.5	75	72	
693	8	26 24.43	28 40 19.7	96	1	
	9	24.50	21.4	66	184	
	8½	24.61	20.7	485	3	
694	7	26 25.35	26 2 51.9	54	19	
	7	25.58	51.2	478	124	
	7	25.61	52.6	483	34	
695	8½	26 27.18	44 45 22.8	88	20	
	8½	27.30	22.8	80	41	
696	9	26 29.37	61 32 12.0	62	10	
697	9	26 31.71	34 59 49.0	49	22	
698	9	26 31.79	36 6 54.6	31	60	
699	9	26 31.90	25 0 0.8	54	21	
700	9	26 35.39	28 55 48.9	90	24	
701	8½	26 38.52	40 0 54.6	85	46	
702	9½	0 26 41.59	25 17 32.2	54	20	
	9½	41.74	37.0	478	125	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
703	9	0 26 42.83	61 21 44.6	62	11	
704	9	26 43.17	34 51 36.2	49	23	
705	9½	26 51.77	29 45 41.9	487	17	
706	10	26 55.40	72 3 58.8	480	69	
707	9½	26 56.69	68 41 59.7	479	92	
708	9	26 57.01	32 42 46.1	77	66	
709	8	26 58.48	37 37 1.1	68	125	
710	9	27 1.02	29 3 55.4	66	185	
	8½	1.08	55.5	90	25	
711	5½	27 1.34	63 43 10.1	468	58	
	6	1.56	13.7	75	73	
712	9½	27 4.19	70 11 10.2	479	90	
713	10	27 6.69	50 59 5.3	481	66	
714	7	27 10.85	47 38 29.2	16	1	
	7	11.13	30.2	758	108	
	7	11.32	28.6	70	92	
715	9	27 15.65	54 50 39.6	72	69	
716	9½	27 16.08	22 48 52.5	33	81	
717	8½	27 18.57	41 24 54.8	51	96	
718	7½	27 19.89	37 28 44.6	68	126	
719	7½	27 23.18	26 46 55.1	54	22	s. pr.
	7	23.21	52.8	96	2	
	7½	23.30	55.5	485	4	
	7½	23.41	53.0	483	35	
720	9	27 24.26	26 46 44.5	96	3	n. sq.
	9	24.42	43.0	483	36	
	9½	24.61	43.6	485	5	
721	9	27 24.30	68 51 10.4	479	91	
722	9½	27 24.73	29 1 11.2	66	186	
	9	24.81	9.5	90	26	
723	7	27 25.26	38 48 8.6	68	127	
724	9	27 26.12	24 5 11.4	489	1	
	9	26.30	9.6	478	126	
725	9	27 28.75	35 51 26.5	31	62	
726	6	27 29.87	30 14 49.3	487	18	
	6	29.93	49.3	90	27	
727	8	27 30.68	39 22 28.7	85	48	
728	9	27 31.64	53 53 9.3	12	2	
729	9½	27 32.21	24 29 15.2	478	127	
730	8	27 36.04	35 40 23.1	31	61	dpl. II. n. pr.
731	8	27 36.88	59 29 52.9	45	92	
732	8	27 43.73	34 6 5.6	49	24	
733	8½	27 46.10	64 22 2.9	75	74	
734	8	27 46.71	39 56 1.0	85	47	
735	8	27 48.83	61 50 12.9	468	59	
	8	48.97	14.6	62	12	
736	8	27 49.50	31 0 39.1	77	68	
737	7½	27 55.59	32 58 31.5	77	67	
	8½	55.60	31.7	49	25	
738	9	27 56.97	76 34 28.4	482	32	
739	8½	28 0.85	44 46 0.5	88	21	
	8	0.88	1.6	80	42	
740	6½	28 4.41	71 57 19.3	480	70	
741	8	28 11.32	57 46 29.3	45	94	
742	8½	28 14.19	68 5 59.3	479	94	
743	7	28 15.30	43 7 17.4	51	97	
	7	15.42	17.1	80	43	
744	7½	28 15.32	58 53 28.9	45	93	
745	9½	28 15.38	67 36 23.4	479	95	
746	9	28 18.30	27 26 40.1	66	187	
747	8	28 18.32	29 32 55.3	90	28	
	8½	18.38	54.8	487	19	
748	9	28 21.72	48 22 37.2	16	2	
	9	21.92	38.5	758	109	
	9	22.18	37.2	70	93	
749	7	28 24.25	46 6 57.0	88	22	
750	9½	28 30.16	28 44 2.4	487	20	
	9½	30.27	2.4	485	6	
751	5¾	0 28 30.50	53 3 50.6	12	3	
	6	30.53	50.0	83	51	
752	7	0 28 33.75	38 41 7.7	68	128	
753	9½	28 41.99	79 21 17.0	482	34	
754	9½	28 44.22	63 45 5.2	75	75	
755	8½	28 46.58	24 10 22.6	489	2	
	9	46.63	20.9	478	128	
	9	46.65	23.5	33	82	
756	7½	28 49.32	26 48 55.3	96	4	
	8	49.35	52.3	54	23	
	7½	49.48	52.0	485	7	
	7½	49.51	52.8	483	37	
757	9	28 49.48	27 26 4.0	66	188	
758	9	28 54.10	40 51 47.7	85	49	
759	9	29 1.11	68 34 55.9	479	93	
760	8½	29 4.85	29 53 46.8	90	29	
	8	5.02	45.7	491	1	
	8½	5.06	48.1	487	21	
761	8½	29 5.71	49 37 31.3	481	67	
762	10	29 7.34	50 53 37.3	83	52	
763	9	29 8.96	33 15 31.7	49	26	
764	9	29 9.65	64 21 55.8	75	76	
765	9	29 10.76	42 24 36.8	51	98	
766	8	29 11.53	25 33 13.0	54	26	
	8	11.68	10.9	489	3	
	8	11.84	12.2	478	129	
767	9	29 12.83	76 6 37.2	482	35	
768	8½	29 13.85	47 51 6.5	758	110	
	8	14.17	7.0	70	94	
769	10	29 14.86	51 1 25.8	83	54	
	9½	14.91	27.7	481	68	
770	8	29 19.95	26 5 15.1	54	24	
	8½	20.11	14.6	483	38	
	8½	20.20	17.1	478	130	
771	8¼	29 20.56	54 14 14.5	12	4	} dpl.
772	8½	29 20.70	54 14 17.1	72	70	
773	8	29 25.91	27 32 43.1	96	5	
	8	25.94	45.0	66	189	
	8	26.01	43.7	485	8	
774	9	29 25.95	48 38 2.3	16	3	
	8½	26.29	2.3	758	112	
775	8	29 28.74	40 25 46.1	85	50	
776	9	29 29.87	69 17 13.7	479	98	
777	9	29 31.20	62 46 12.5	62	13	
778	9	29 32.01	60 30 8.4	45	95	
	9½	32.25	11.0	62	14	
779	10	29 34.92	67 29 15.9	479	96	
780	8½	29 36.95	25 33 59.3	54	25	
	8	36.99	59.5	489	4	
	8½	37.07	56.9	478	131	
781	9½	29 40.47	73 31 59.3	480	71	
782	9½	29 41.95	47 2 46.1	88	23	
783	6	29 43.14	48 41 10.0	16	4	
	5½	43.23	8.1	70	95	
	6	43.33	10.0	758	111	
784	9½	29 45.49	39 24 46.1	85	51	
785	8½	29 48.14	25 18 26.7	489	5	
	9	48.29	20.6	478	132	
786	8½	29 51.04	41 55 54.2	51	99	
787	9	29 51.40	50 58 37.4	83	53	
	9	51.64	36.0	481	69	
788	8½	29 53.45	32 19 19.0	77	69	
789	6	29 53.62	23 31 47.8	33	83	
790	9	29 57.52	69 1 50.8	479	97	
791	8	30 0.27	27 26 55.3	96	6	
	8½	0.39	55.6	483	39	
	8½	0.41	56.7	66	190	
	8½	0.42	55.0	485	10	
792	9½	30 0.34	49 0 26.2	16	5	
793	8	30 3.38	49 48 42.2	481	70	
	9	3.43	41.9	79	42	
794	8½	0 30 3.56	37 37 23.8	68	129	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
795	8½	0 30 5.14	34 35 5.6	49	27
796	8	30 6.26	48 15 50.4	758	113
	8½	6.41	48.1	16	6
	8½	6.48	48.0	70	96
797	8½	30 9.51	41 58 39.6	51	100
798	9½	30 15.72	55 8 31.8	12	5
799	10	30 16.78	27 30 27.9	485	9
800	7	30 17.19	60 24 16.9	45	96
	7	17.27	18.5	62	15
801	8½	30 19.08	31 1 22.2	77	70
	8½	19.15	20.0	90	30
	8½	19.17	18.3	491	2
802	10	30 21.42	49 41 1.0	481	72
803	8	30 22.32	29 32 29.4	90	31
804	10	30 28.45	36 53 50.5	31	63
	9	28.51	50.8	68	130
805	8	30 29.10	27 57 50.4	96	7
	8	29.10	48.9	95	1
	8	29.25	49.9	487	22
	8½	29.33	49.3	485	11
	8½	29.39	47.5	483	40
806	8	30 31.56	28 6 28.5	95	2
	8	31.67	31.3	487	23
	8½	31.73	29.8	483	41
	8	31.79	29.6	485	12
	8	31.85	28.0	96	8
807	8½	30 33.85	25 11 13.9	54	27
	7½	33.92	13.9	489	6
	8	34.12	12.6	478	133
808	9½	30 34.77	41 7 38.5	85	52
809	7	30 37.39	49 48 58.2	481	71
	7	37.51	58.1	79	43
810	7½	30 37.91	25 10 37.2	489	7
	8½	37.97	37.6	54	28
	8	38.08	36.7	478	134
811	9	30 40.83	71 32 15.9	480	72
812	9½	30 41.80	79 11 52.7	482	39
813	8	30 43.09	58 53 51.4	45	98
814	8	30 44.06	73 54 41.7	480	74
815	8½	30 46.40	74 33 59.7	480	75
816	8½	30 50.19	30 24 3.1	90	32
	8½	50.19	2.3	491	3
817	9	30 50.73	61 44 10.3	62	17
818	9	30 50.79	60 34 12.2	45	97
	9½	51.03	16.4	62	16
819	6	30 54.90	25 27 18.3	54	29
	6	55.03	19.0	489	8
	6	55.25	17.5	478	135
820	9	30 58.81	75 33 34.1	482	36
821	7	31 6.60	65 48 45.8	75	77
822	8½	31 6.84	73 32 6.0	480	73
823	8½	31 6.93	42 27 22.9	51	101
824	6½	31 11.68	37 58 29.5	68	131
825	8½	31 12.04	36 6 30.0	31	64
826	8½	31 12.49	47 57 7.9	758	114
	8½	12.66	6.9	70	97
	8½	12.75	6.9	70	98
827	9	31 14.27	70 57 1.7	479	100
828	8½	31 17.93	26 26 14.8	54	30
	8½	18.13	15.7	483	42
829	8½	31 18.30	70 7 18.2	479	99
830	9½	31 19.62	55 9 53.6	12	6
831	9½	31 21.89	40 21 47.4	85	53
832	8	31 27.11	26 14 51.3	54	31
	8½	27.27	50.4	483	43
833	6½	31 28.33	55 4 53.2	72	72
	5¾	28.47	53.2	12	7
834	9	0 31 29.24	45 5 44.0	88	24
	9	29.38	43.5	80	44
835	9½	0 31 31.39	23 39 44.2	33	84
836	9	31 42.82	23 1 36.5	33	85
837	9½	31 43.68	34 11 44.1	49	28
838	7¼	31 43.97	54 24 30.3	12	8
	8	44.03	31.0	72	71
839	8½	31 51.42	41 10 34.8	85	54
840	8½	31 52.26	30 11 58.2	90	33
	8½	52.33	60.0	487	24
	9	52.39	58.0	491	4
841	8½	31 54.81	41 34 39.4	51	103
842	7	31 56.07	28 18 32.1	96	9
	8	56.13	31.3	95	4
	8	56.15	31.8	95	3
	8	56.15	31.6	485	13
	8	56.19	33.4	487	25
843	9½	31 56.71	45 32 34.6	88	25
844	9	31 57.75	22 57 7.5	33	86
845	9½	32 4.40	79 9 9.9	482	40
846	7½	32 5.03	42 16 46.7	51	102
847	7	32 9.49	76 59 50.3	482	37
848	8	32 9.73	51 25 16.5	83	55
849	8½	32 12.17	25 21 1.8	54	32
	8½	12.24	2.7	489	9
	8½	12.42	1.5	478	136
850	8½	32 12.71	32 43 14.7	77	71
851	9	32 14.55	58 44 57.4	45	99
852	9½	32 16.62	38 41 28.6	68	133
853	9	32 20.29	44 47 33.8	80	46
854	9	32 22.72	34 9 34.1	49	29
855	7	32 23.91	24 17 7.7	489	10
	8	24.05	6.5	478	137
856	8½	32 28.76	38 41 10.7	68	132
857	7½	32 30.41	46 35 27.2	88	26
858	9	32 33.55	27 51 27.3	96	10
	9	33.61	28.7	487	26
	9	33.61	26.6	485	14
859	6½	32 36.21	25 47 40.3	54	33
	6½	36.38	40.8	483	46
860	8	32 37.34	41 9 40.5	85	55
	8½	37.52	40.9	51	104
861	8½	32 37.91	44 41 43.8	80	45
862	10	32 38.05	36 16 53.4	31	65
863	8½	32 38.46	26 17 14.5	54	35
	8½	38.60	13.5	483	45
864	9½	32 38.54	24 12 19.8	478	138
	9½	38.70	22.5	489	11
865	9	32 38.70	69 5 15.9	479	101
866	9½	32 38.74	58 48 13.2	45	100
867	7½	32 40.54	66 43 57.4	75	78
868	9½	32 40.92	63 10 6.0	62	18
869	8	32 41.61	26 16 56.3	54	36
	8	42.01	56.7	483	44
870	9	32 42.56	53 5 38.3	83	57
	8¼	42.63	36.4	12	10
	9	42·82	37.6	72	73
871	8½	32 45.59	37 8 38.4	68	134
872	10	32 46.34	36 38 57.7	31	67
873	9½	32 47.44	76 58 48.5	482	38
874	8½	32 47.47	36 37 53.1	31	66
875	8¼	32 50.20	54 18 18.1	12	9
876	8½	32 50.53	50 11 14.8	481	73
877	9	32 51.85	25 43 45.5	54	34
	9	51.99	48.5	489	12
878	8	32 54.09	43 58 58.1	80	47
879	9½	32 54.15	78 10 26.0	482	41
880	9	0 33 0.35	28 48 15.5	95	6
	8½	0.41	16.6	487	29
	8½	0.41	14.3	96	11
	9	0.44	15.4	485	16

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	No.	Zona	
		h m s	° ′ ″			
881	9½	0 33 3.23	27 53 0.4	487	27	
882	7½	33 3.60	42 35 12.6	51	105	
883	8	33 6.09	53 1 29.1	72	74	
	8	6.16	27.6	83	56	
884	7¾	33 6.16	53 13 13.6	12	11	
	8	6.20	15.4	72	75	
885	8	33 6.76	28 50 13.0	96	12	
	8	6.86	14.8	487	30	
	8½	6.96	15.0	95	5	
	8½	7.01	15.2	90	35	
	8½	7.11	13.0	485	15	
886	8½	33 8.14	43 20 22.1	80	48	
887	9	33 10.50	28 13 51.3	487	28	
888	9	33 13.34	26 40 28.7	54	37	
889	9	33 22.75	53 17 32.8	72	76	
	8¼	22.80	30.0	12	12	
890	10	33 23.88	74 40 3.5	480	78	
891	8	33 24.04	30 30 25.7	90	34	
	7½	24.04	24.0	491	5	
892	6½	33 28.80	58 39 12.5	45	101	
893	7½	33 30.09	74 38 46.0	480	77	
894	9½	33 34.09	63 30 9.2	62	19	
895	9	33 35.21	74 40 54.4	480	76	
896	9½	33 37.14	31 12 39.7	491	6	
897	9	33 39.31	25 43 0.0	489	13	
898	9	33 43.13	26 40 40.7	54	39	
899	9	33 45.43	27 22 6.8	95	7	
	9	45.51	6.4	485	17	
	8½	45.53	7.9	96	13	
900	8	33 45.57	42 20 35.2	51	106	
901	7	33 45.89	73 49 29.9	480	80	
902	8½	33 47.89	38 5 43.0	68	135	
903	9½	33 48.24	58 32 7.6	45	102	
904	6½	33 48.54	34 38 41.4	49	30	
905	6½	33 54.05	45 29 1.9	88	27	
906	8½	33 58.02	26 44 11.1	483	47	
	8	58.05	10.1	54	38	
	8	58.12	12.0	485	18	
907	9	33 58.10	60 11 59.6	45	104	
908	8	33 59.93	39 37 57.8	85	56	
909	9	34 4.94	75 50 22.7	482	43	
910	8½	34 6.19	47 36 6.9	16	7	
	8½	6.45	6.5	70	99	
911	8½	34 9.80	38 16 2.3	68	136	
912	9½	34 11.58	69 25 33.4	479	102	dpl. II.
913	9	34 14.16	68 15 40.2	479	103	
914	6½	34 14.79	24 28 46.0	489	14	
	6	14.89	45.2	33	87	
915	8½	34 15.96	52 25 53.1	83	58	
916	9	34 17.13	27 46 53.1	96	14	
917	8	34 21.71	27 57 22.9	96	15	
	8½	21.82	22.7	485	19	
	8½	21.94	20.1	483	48	
	8½	22.00	23.2	95	8	
918	8½	34 22.68	30 33 32.5	90	37	
919	8½	34 23.28	31 50 20.5	77	72	
	9	23.28	19.3	491	7	
920	6½	34 24.51	30 6 28.4	487	31	
	7	24.58	28.5	90	36	
921	6	34 33.34	60 9 23.2	45	103	
922	9	34 36.71	61 45 53.5	62	20	
923	8	34 37.75	28 3 36.0	96	16	
	8	37.81	36.8	487	33	
	8	37.88	36.8	485	20	
	8	37.91	36.6	95	9	
	8½	37.95	35.9	483	49	
924	8½	0 34 39.37	31 32 45.0	491	8	
	8	39.52	45.3	77	73	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
925	10	0 34 41.30	28 21 58.5	487	32	
926	8½	34 50.08	43 45 52.4	80	49	
927	8½	34 50.13	50 16 24.9	481	74	
928	9	34 51.33	23 50 6.5	33	88	
	9	51.56	6.9	489	16	
929	8½	34 52.82	53 1 32.4	83	59	
930	8	34 54.30	41 13 2.7	85	57	
	8½	54.49	2.3	51	107	
931	8	34 54.54	39 56 35.1	85	58	
932	9½	34 54.80	24 12 41.6	489	15	
933	8½	34 56.65	47 30 26.9	16	8	
	8	56.84	27.3	70	100	
934	9	34 56.68	30 12 25.0	90	38	
	9	56.78	25.8	491	9	
935	6¾	35 3.15	53 53 40.3	12	13	
936	8½	35 5.26	59 9 9.8	45	105	
937	8½	35 11.56	74 26 53.1	480	79	
938	6½	35 23.50	25 52 51.6	54	40	
	6½	23.55	53.5	489	18	
	7	23.72	52.6	483	50	
939	8	35 23.83	34 25 15.0	49	31	
940	5	35 24.70	46 46 15.8	88	28	
941	9½	35 28.48	66 32 36.5	75	79	
942	8	35 31.37	25 26 46.6	489	17	
	8½	31.41	46.5	54	41	
943	8½	35 32.46	68 52 22.3	479	105	
944	8½	35 42.58	42 42 4.2	51	108	
945	9	35 43.69	48 49 27.4	16	9	
	9½	43.76	29.6	481	75	
946	9	35 54.59	59 58 32.4	45	106	
947	9½	35 54.72	67 11 59.5	75	80	
	9½	54.98	59.9	479	104	
948	8	35 55.46	44 17 29.7	80	51	
949	9½	35 55.72	62 12 7.8	62	21	
950	7	35 59.72	43 48 37.9	80	50	
951	9½	36 3.74	69 8 36.7	479	106	
952	10	36 6.52	39 56 31.7	85	59	
953	9	36 10.94	23 58 10.7	489	19	
954	8¼	36 13.99	53 53 23.2	12	14	
955	9	36 14.01	32 36 8.4	77	75	
956	9	36 14.13	31 29 31.9	491	10	
	9	14.19	32.8	77	74	
957	8	36 24.49	46 14 6.6	88	30	
958	9	36 33.46	45 13 5.4	80	52	
	9	33.50	5.8	88	29	
959	7	36 34.65	36 42 31.5	31	68	
960	9	36 35.48	62 3 3.2	62	22	
961	8	36 38.09	49 10 17·6	16	10	
	9	38.26	17.6	481	76	
962	10	36 39.52	73 47 56.6	480	81	
963	6	36 41.78	39 8 54.8	85	60	
	6	41.86	55.5	68	137	
	6	41.87	56.1	30	1	
964	9½	36 43.17	28 24 6.5	487	34	
965	9½	36 43.32	23 18 25.8	33	89	
966	9½	36 46.85	50 24 57.9	83	60	
	9½	46.86	57.4	481	77	
967	9½	36 47.72	27 18 50.1	95	10	
	9½	48.02	52.5	485	21	
968	8¼	36 50.37	54 47 59.0	12	15	dpl. s. pr.
969	9	36 50.71	76 29 56.0	482	44	
970	7¾	36 51.95	54 47 47.7	12	16	n. sq.
971	9	36 54.71	74 51 45.6	480	84	
	9	55.34	44.6	482	42	
972	8½	36 56.59	59 18 39.0	45	107	
973	8	37 0.61	46 28 12.6	88	32	
974	6	37 4.61	60 56 48.3	62	23	
975	6	0 37 7.41	66 9 17.3	75	82	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
976	9½	0 37 9.97	66 4 14.2	75	81	
977	8	37 10.95	38 39 51.1	68	138	
	7½	10.97	50.7	30	2	
978	9	37 11.08	74 21 58.0	480	82	
979	9	37 12.33	33 37 55.0	49	32	
980	8½	37 14.26	43 54 6.6	80	54	
981	9	37 15.25	26 36 29.9	54	42	
	9	15.47	30.2	483	51	
982	10	37 16.45	65 53 35.8	75	84	
983	8½	37 17.17	23 19 17.7	33	90	
984	7	37 21.45	66 17 35.9	75	83	
985	9	37 21.68	51 17 7.5	83	61	
986	7	37 22.55	45 52 0.4	88	31	
987	9	37 25.14	43 49 53.6	80	55	
988	7½	37 28.57	44 48 26.9	80	53	
989	8	37 29.07	48 40 25.3	16	11	
990	8¼	37 33.96	54 38 14.0	12	17	
991	8½	37 34.43	31 7 23.1	77	76	
	8½	34.48	21.6	90	39	
	9	34.54	22.7	491	11	
992	5	37 43.88	58 8 54.1	45	109	
993	10	37 45.16	70 42 6.8	479	108	
994	8½	37 45.88	48 34 11.4	16	12	
995	8	37 47.61	38 9 26.0	30	3	
	7½	47.62	26.8	68	139	
996	9	37 48.62	25 33 24.9	54	43	
	8½	48.71	24.6	489	20	
997	8½	37 48.70	51 39 40.3	83	62	
998	8½	37 56.69	65 30 15.1	75	86	
999	8½	38 2.54	31 5 54.4	77	77	
	9	2.59	53.6	491	12	
	8½	2.61	54.1	90	40	
1000	9½	38 4.39	69 19 31.9	479	109	
1001	9	38 4.40	22 45 34.3	33	91	
1002	9½	38 7.71	61 22 10.5	62	24	
1003	6	38 9.23	39 6 38.4	30	4	
	5½	9.31	38.1	85	61	
1004	9	38 10.30	25 26 7.6	489	21	
1005	9	38 13.02	70 58 53.1	479	107	
1006	9½	38 13.33	65 44 11.8	75	85	
1007	9	38 13.68	30 47 51.4	90	41	
1008	7½	38 14.66	27 12 20.3	96	17	
	8	14.68	18.3	95	11	
	7	14.70	21.2	485	22	
	7½	14.77	18.8	483	52	
1009	9	38 15.43	34 33 27.1	49	33	
1010	7	38 25.21	50 4 12.8	79	44	
	7	25.26	13.7	481	78	
1011	9	38 26.28	36 47 26.5	68	140	
1012	9	38 26.30	34 20 19.6	49	34	
1013	8½	38 30.03	46 39 49.6	88	33	
1014	9	38 31.50	37 31 26.8	68	142	
1015	8	38 33.12	50 23 29.8	83	63	
	8	33.27	29.1	481	79	
	7½	33.40	29.6	79	45	
1016	5	38 33.13	22 41 40.7	33	92	
1017	9½	38 33.79	65 12 31.6	75	88	
1018	8½	38 34.78	37 21 28.6	68	141	
1019	9	38 36.31	60 41 25.0	45	108	
1020	7½	38 39.91	32 4 26.1	77	78	
	8	39.99	23.7	491	13	
1021	8	38 40.22	43 17 1.9	80	56	
1022	8½	38 45.55	54 51 43.1	12	18	
1023	7½	38 48.40	54 59 51.7	12	19	
1024	8½	38 52.94	28 32 12.6	96	19	
	9	52.96	14.0	485	23	
	9	53.05	12.4	487	35	
	9½	53.07	13.6	95	12	
1025	8½	0 38 54.62	74 25 14.8	480	83	
1026	9	0 38 55.34	36 39 3.1	31	69	
1027	9½	39 1.60	41 56 24.0	51	109	
1028	8	39 2.16	28 27 8.3	96	18	
	9	2.30	10.6	95	13	
	8½	2.30	7.5	487	36	
	8½	2.34	8.3	485	24	
1029	6½	39 2.30	43 21 26.7	80	57	
1030	6½	39 4.65	63 10 56.2	62	25	dpl.
1031	9½	39 7.50	69 24 50.4	479	110	
1032	6½	39 20.20	66 18 26.9	75	87	
1033	8½	39 22.28	45 42 16.3	88	34	
1034	8½	39 24.87	24 8 3.0	489	22	
	8	24.93	2.7	58	1	
	9	25.00	4.0	33	93	
1035	9	39 26.90	28 33 51.3	95	14	
	8	26.90	50.4	96	20	
	8	26.91	51.2	485	25	
	8½	27.00	50.0	97	1	
	8	27.02	52.6	487	37	
1036	9½	39 29.42	40 16 20.0	85	62	
1037	8	39 30.26	74 56 52.9	480	85	
	8	30.61	55.7	482	46	
1038	7½	39 30.84	49 31 14.8	79	46	
	7½	31.09	12.6	481	80	
1039	8	39 31.79	63 52 43.6	75	89	
1040	8½	39 33.60	51 18 40.6	83	64	
1041	9	39 37.83	74 31 9.3	480	87	
1042	9½	39 37.90	33 50 55.2	49	35	
1043	9	39 40.04	43 13 43.0	80	58	
1044	8	39 42.05	31 20 51.6	77	79	
	9	42.23	53.2	491	14	
1045	9	39 47.17	28 24 55.4	487	38	
	9	47.31	54.1	485	26	
1046	9	39 47.98	24 50 37.5	489	24	
1047	8	39 48.86	42 35 25.6	51	110	dpl. II. s. pr.
1048	8½	39 50.74	55 1 7.6	12	20	
1049	7½	39 51.91	31 23 37.5	77	80	
	8	52.10	35.4	491	15	
1050	9	39 52.93	26 3 50.8	489	23	
	9	52.97	50.3	54	44	
	8½	53.00	48.6	483	53	
1051	6	39 53.31	48 14 17.3	16	13	
1052	8	39 53.72	48 59 0.4	16	14	
	8	53.73	0.1	481	81	
	8½	53.74	1.1	79	47	
1053	9	39 57.79	29 30 37.8	90	42	
1054	6	39 58.78	23 12 18.6	58	2	
	5½	58.81	23.0	33	94	
1055	9	39 59.87	22 55 35.3	33	95	
	9	59.94	32.0	58	3	
1056	9	40 4.30	57 59 36.9	45	110	
1057	9½	40 4.80	33 58 4.4	49	36	
1058	9	40 6.19	26 13 11.0	54	45	
	9	6.43	11.7	483	54	
1059	9	40 7.58	58 37 20.9	45	111	
1060	8½	40 7.85	31 22 5.2	77	81	
	9½	7.88	4.8	491	16	
1061	8½	40 11.66	44 47 10.9	88	35	
1062	9	40 25.18	29 14 8.3	487	39	
1063	8½	40 26.60	33 49 42.0	49	37	
1064	6½	40 32.01	30 52 27.3	491	17	
	6½	32.03	27.5	90	43	
1065	9	40 38.26	36 42 54.7	31	70	
1066	9½	40 39.93	63 58 11.4	75	90	
1067	7	40 41.17	78 45 56.4	482	45	
1068	9	40 42.55	42 50 35.3	80	59	
1069	8½	40 42.73	32 55 38.1	77	82	
1070	9	40 48.07	58 57 2.6	45	114	
1071	9½	0 40 49.55	35 0 47.5	49	38	

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No.	Mag.	1875.0 Decl. Austr.	1875.0 Asc. Recta	Zona	No.
		h m s	° ′ ″		
1072	7½	0 40 49.75	24 53 57.7	54	46
	7½	49.80	56.4	489	25
	8	49.85	55.5	58	4
	7½	49.88	56.7	33	96
1073	7	40 51.06	58 36 37.3	45	112
1074	8	40 53.39	63 21 31.2	62	26
1075	9½	40 53.91	51 29 12.3	83	65
1076	8	40 53.97	39 37 36.9	85	63
1077	7¾	40 58.16	54 47 13.6	12	21
1078	8½	41 1.45	29 49 1.5	90	44
	9	1.48	3.1	487	40
	9	1.50	2.1	491	18
1079	7½	41 2.47	58 43 52.7	45	113
1080	9½	41 3.40	72 36 57.4	480	88
1081	9	41 3.61	52 41 13.4	83	66
1082	9½	41 4.95	74 30 3.9	480	86
1083	8½	41 5.03	62 45 35.8	62	27
1084	10	41 5.92	35 45 38.7	31	71
1085	8½	41 6.62	42 31 47.0	51	111
1086	9½	41 7.23	64 5 27.3	75	91
1087	9	41 11.55	26 3 52.7	489	27
1088	9	41 11.72	42 50 33.1	80	60
1089	9	41 22.38	39 41 38.9	85	64
1090	8	41 24.78	31 48 19.5	77	83
1091	8½	41 25.51	24 12 33.7	58	5
	8½	25.67	35.9	33	97
	9	25.75	36.2	489	28
1092	9	41 26.18	26 4 41.1	489	26
	8½	26.43	39.7	483	55
1093	9	41 28.40	37 2 3.9	30	5
1094	8½	41 32.24	63 24 34.0	62	28
	8	32.45	35.2	75	92
1095	8½	41 33.10	37 36 38.2	30	6
	8	33.19	39.1	68	143
1096	8½	41 33.16	27 39 30.8	96	21
	8½	33.20	29.3	485	27
	9	33.29	31.0	95	15
	9	33.36	30.7	97	2
1097	9½	41 35.06	59 1 42.4	45	115
1098	8½	41 36.05	33 8 26.7	77	85
1099	7½	41 36.97	32 2 8.0	77	84
	7	37.03	9.1	491	20
1100	9	41 37.13	72 27 55.6	480	89
1101	8½	41 47.49	73 16 45.0	480	90
1102	8½	41 49.15	39 50 19.7	85	65
1103	7½	41 50.45	30 1 36.3	491	19
	7½	50.48	39.2	487	41
	7	50.52	38.2	90	45
1104	9	41 52.33	34 8 47.3	49	39
1105	9	41 53.26	25 45 35.3	483	56
1106	8½	41 54.89	33 1 3.4	77	86
1107	9	42 2.64	39 58 1.4	85	66
1108	9½	42 4.91	27 3 4.1	54	47
	9½	5.09	1.6	485	29
	9	5.10	2.9	97	3
1109	10	42 11.60	52 31 9.7	83	67
1110	8½	42 18.32	44 27 18.3	80	61
1111	9	42 19.78	32 17 57.3	77	87
1112	8	42 20.90	45 33 54.6	88	36
1113	8½	42 23.69	27 3 8.5	54	48
	8	23.75	7.7	485	28
	8	23.76	8.7	96	22
	8½	23.78	8.4	483	57
	8	23.89	8.8	97	4
	8½	23.99	8.3	95	16
1114	9½	42 27.89	73 30 30.6	480	91
1115	8	42 29.77	40 4 2.9	85	67
1116	9	0 42 32.72	68 23 36.7	479	111

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
1117	6½	0 42 34.32	29 10 32.3	485	30
	7	34.53	33.1	90	46
	6½	34.64	32.4	487	42
1118	8½	42 35.38	24 49 29.4	58	6
	8	35.51	28.9	489	29
	8½	35.52	31.2	33	98
1119	10	42 38.37	76 43 47.5	482	47
1120	9	42 43.00	24 52 15.8	489	30
1121	9	42 44.06	45 26 52.8	88	37
1122	9	42 50.33	25 15 4.5	54	49
1123	8¼	42 53.43	54 0 53.1	12	22
1124	8½	42 54.49	47 47 49.1	16	15
1125	7½	43 1.57	36 56 46.3	68	146
	7½	1.68	45.9	31	72
	8	1.71	46.2	30	7
	7½	1.84	46.3	68	144
1126	9	43 3.42	41 10 46.3	85	68
1127	9	43 3.75	60 22 55.3	45	116
	9	3.85	57.7	62	29
1128	6	43 4.06	24 48 61.1	54	50
	6	4.15	58.7	489	31
	6	4.22	59.3	33	99
	6	4.25	58.1	58	7
1129	8½	43 4.17	38 58 19.2	68	145
1130	8½	43 4.78	49 16 30.5	79	48
	8	4.79	29.0	481	82
1131	9½	43 5.13	35 7 16.9	49	40
1132	7½	43 10.57	43 14 37.3	80	62
1133	10	43 10.77	31 18 45.6	491	21
1134	8	43 12.08	24 0 35.9	58	9
	8	12.11	38.1	489	34
1135	7½	43 12.17	23 53 55.6	58	10
	7½	12.24	58.6	33	101
	7	12.29	56.4	489	33
1136	8½	43 16.46	28 17 10.4	483	58
	8½	16.55	8.2	95	17
	8	16.57	9.0	487	43
	8½	16.63	8.8	97	5
	8	16.70	7.3	485	31
1137	10	43 19.50	65 46 40.5	75	95
1138	10	43 22.29	41 11 44.4	85	69
1139	6	43 23.98	24 2 36.8	489	32
	7	24.00	40.4	33	100
	6½	24.08	36.1	58	8
1140	9	43 27.31	48 5 42.1	16	16
1141	8	43 28.23	61 3 9.0	62	30
1142	8½	43 30.05	68 12 43.4	479	112
1143	8½	43 30.91	43 1 48.0	51	112
1144	9	43 30.91	66 15 3.6	75	93
1145	9½	43 31.33	48 9 50.0	16	17
1146	7¼	43 35.08	54 27 16.4	12	23
1147	9	43 35.91	32 31 52.5	77	88
1148	9	43 40.26	58 7 13.6	45	119
1149	9	43 41.59	61 43 53.7	62	31
1150	8½	43 48.43	60 14 58.8	45	117
1151	10	43 50.72	28 22 42.8	487	45
1152	8¼	43 57.37	54 50 44.2	12	24
1153	9	44 3.08	44 40 14.2	80	63
1154	9	44 3.42	29 41 4.9	487	44
	9	3.49	7.2	90	47
1155	9	44 3.70	25 2 47.0	489	35
1156	10	44 6.76	50 33 39.7	83	68
	9½	6.76	40.9	481	83
1157	7	44 12.06	44 4 36.2	80	64
1158	9½	44 12.24	78 56 45.1	482	49
1159	8½	44 12.38	41 18 4.2	51	113
1160	8½	44 13.21	69 48 27.5	479	113
1161	9½	0 44 13.47	28 7 12·4	97	6
	9	13.49	10.5	487	46

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1162	6	0 44 14.56	75 36 15.3	482	48	
1163	8½	44 16.39	46 37 10.5	88	38	
1164	9	44 17.12	65 41 8.5	75	94	
1165	9½	44 18.94	61 49 47.5	62	32	
1166	9½	44 22.11	40 14 28.3	85	70	
1167	9	44 23.64	36 47 11.8	68	147	
1168	7	44 26.51	58 4 1.2	45	118	
1169	10	44 26.55	51 15 53.3	83	69	
	9	26.63	52.3	481	84	
1170	8½	44 29.70	43 47 40.6	80	65	
1171	9	44 30.28	28 6 57.2	97	7	
	9	30.40	58.8	487	47	
1172	8½	44 35.34	24 20 57.5	58	11	
	8½	35.47	58.4	489	36	
1173	8½	44 48.36	47 49 25.9	16	18	
1174	9	44 48.95	44 49 10.5	80	66	
1175	9	44 53.14	42 14 14.1	51	114	
1176	8½	44 55.74	74 9 35.3	480	92	
1177	5½	44 59.43	51 40 9.2	83	70	
1178	9½	45 2.38	33 12 38.1	77	89	
1179	9	45 11.27	36 4 39.0	31	73	
1180	9	45 12.26	30 22 14.3	90	48	
1181	9	45 13.12	72 48 43.6	480	94	
1182	9	45 13.51	61 10 16.9	62	33	
1183	8½	45 14.40	34 45 52.3	49	41	
1184	9	45 14.40	61 2 35.9	62	34	
1185	9	45 15.23	58 0 41.0	45	120	
1186	8½	45 19.12	23 34 50.2	58	13	
1187	9	45 21.03	57 42 26.9	45	121	
1188	8	45 22.41	24 15 38.7	58	12	
	8	22.45	38.5	489	37	
1189	7	45 25.90	39 12 29.9	85	71	
1190	9½	45 33.15	45 2 49.5	80	67	
1191	9	45 33.32	31 39 57.1	77	90	
	9	33.41	54.8	491	22	
1192	9½	45 33.86	72 10 24.7	480	93	
1193	9	45 36.39	61 12 2.6	62	35	
1194	9½	45 39.51	51 8 1.6	83	72	
1195	9	45 40.72	39 10 15.2	85	72	
	9	40.89	14.9	30	8	
1196	9	45 42.83	25 52 23.7	489	38	
1197	8	45 42.99	29 19 51.7	90	49	
	8	43.03	52.3	487	48	
1198	9½	45 43.14	51 16 59.8	83	71	
1199	9½	45 43.38	50 20 54.9	481	85	
1200	8½	45 43.88	44 26 50.7	80	68	
1201	9	45 51.76	31 38 22.2	77	91	
	9	51.76	18.9	491	23	
1202	8½	45 52.63	47 22 7.9	16	19	
1203	9	45 53.02	28 18 15.9	487	49	
	9	53.17	12.8	483	59	
1204	9½	45 55.05	40 58 51.0	51	115	
1205	7	46 1.98	44 23 18.7	80	69	
1206	8½	46 3.42	50 49 55.4	79	49	
	7½	3.52	57.6	9	1	
	8½	3.56	56.3	481	86	
	8½	3.59	55.3	83	73	
1207	7	46 4.52	23 17 23.5	58	14	dpl. I.
1208	9	46 5.98	61 7 21.8	62	36	
1209	9	46 6.88	32 50 37.2	77	92	
	9½	7.04	36.9	494	1	
1210	9	46 8.14	36 25 41.1	31	74	
1211	8½	46 11.85	27 4 40.2	54	51	
	8½	11.94	38.7	483	60	
	9	12.02	39.1	97	8	
1212	7	46 13.52	71 49 59.2	480	95	
1213	9	46 17.35	64 22 33.1	75	96	
1214	9	46 20.12	35 16 40.6	31	75	
1215	7½	46 21.20	57 15 38.3	98	1	
1216	9½	0 46 31.07	47 58 52.9	16	20	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1217	5½	0 46 32.25	24 41 13.0	489	39	dpl. II.
1218	9	46 41.50	54 2 55.8	12	25	
1219	8½	46 46.10	38 48 53.4	85	73	
	9	46.21	54.9	30	9	
1220	9	46 48.09	59 40 55.4	45	122	
1221	7	46 52.32	31 2 15.2	90	50	
	7½	52.33	15.7	77	93	
	7	52.39	15.0	491	24	
1222	9	46 56.61	33 20 28.5	49	42	
	8½	56.71	26.2	494	2	
1223	9½	46 57.47	25 37 50.3	54	52	
	9	57.61	48.4	489	40	
1224	9½	46 58.34	73 21 31.2	480	96	
1225	9½	47 2.42	47 58 14.7	16	22	
1226	7	47 4.06	25 27 27.2	489	41	dpl. I. s. pr.
	6½	4.20	27.3	54	53	
1227	8	47 5.33	44 35 25.8	80	70	
1228	9	47 9.62	48 1 33.7	16	21	
1229	8	47 11.97	51 8 27.4	79	50	
	8	12.03	25.6	481	87	
	8	12.05	27.6	83	74	
1230	9½	47 14.94	62 14 35.1	62	38	
1231	9	47 17.67	44 26 49.8	80	71	
1232	8½	47 17.94	39 23 39.7	85	74	
1233	9	47 23.82	22 52 46.2	58	15	
1234	7	47 25.12	64 25 22.2	75	98	
1235	9	47 26.27	24 42 2.3	489	42	
	8½	26.30	4.7	58	16	
1236	9½	47 28.41	50 51 51.4	83	75	
	9½	28.62	50.2	481	88	
1237	9	47 30.45	39 44 43.2	85	75	
1238	7½	47 33.50	46 11 5.0	88	39	
1239	9	47 36.83	65 31 26.8	75	99	
1240	9½	47 37.99	45 59 54.7	88	40	
1241	8	47 38.88	70 10 52.4	479	114	s. pr.
1242	9	47 39.54	52 52 20.8	12	26	
1243	8½	47 42.34	61 45 24.2	62	37	dpl. II. s. pr.
1244	8½	47 42.81	70 10 47.9	479	115	n. sq.
1245	9	47 44.19	38 38 55.3	30	10	
1246	8½	47 45.46	29 13 24.2	487	50	
	8½	45.47	22.3	97	9	
1247	8½	47 45.64	30 51 19.9	90	51	
	8½	45.72	20.7	77	94	
	8½	45.81	17.6	491	25	
1248	8½	47 50.32	51 43 58.5	83	76	
1249	8	47 51.40	29 28 59.7	90	52	
	8	51.72	60.3	487	51	
1250	8½	47 52.16	25 43 13.5	54	54	n. pr.
	8½	52.22	11.9	483	61	
1251	8½	47 52.76	25 43 20.8	54	55	s. sq.
	8½	52.90	21.9	483	62	
1252	9	47 53.01	75 32 43.7	482	50	
1253	9	47 53.01	32 54 50.7	77	95	
	9	53.07	51.9	49	44	
	9	53.08	51.5	494	3	
1254	9	47 54.54	64 50 34.1	75	97	
1255	9½	47 55.24	25 40 19.8	54	56	
1256	9	47 58.03	37 45 31.5	30	11	
1257	9½	48 0.18	46 5 38.5	88	41	
1258	8	48 3.19	33 0 48.6	49	43	
	8	3.25	48.4	77	96	
	8	3.31	46.2	494	4	
1259	9½	48 3.48	63 36 37.2	62	39	
1260	9	48 5.78	42 1 24.6	51	116	
1261	9½	48 6.25	48 58 18.0	481	89	
1262	6	48 16.60	49 28 12.3	9	2	
	7	16.66	15.0	79	51	
	7	16.68	12.4	481	91	
1263	9	0 48 19.62	41 3 0.3	85	76	
	8½	19.76	0.5	51	118	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1264	9	0 48 24.75	38 54 35.3	85	77	
1265	7	48 25.08	55 16 18.1	98	2	
1266	6	48 25.36	63 33 1.3	62	40	
1267	9	48 26.71	42 7 23.6	51	117	
1268	9½	48 26.76	36 4 48.1	31	76	
1269	9½	48 27.54	58 13 8.6	45	123	
1270	9	48 31.68	32 19 20.8	77	97	
	9	31.79	20.9	494	5	
1271	8½	48 35.76	24 35 52.1	58	17	
	9	35.80	52.1	489	43	
1272	8	48 39.78	34 38 10.8	49	45	
1273	7½	48 42.36	49 37 29.5	79	52	
	7	42.42	31.8	9	3	
	7½	42.43	28.6	481	90	
1274	7	48 50.01	58 4 51.9	45	124	
1275	9	48 52.27	66 32 45.0	75	100	
1276	7½	48 53.40	75 19 51.7	482	51	
1277	9	49 0.23	50 8 17.2	481	92	
	9	0.40	20.0	9	4	
1278	9	49 4.32	50 34 53.0	481	93	
	9½	4.34	54.3	83	77	
1279	10	49 4.77	71 10 36.9	480	97	
1280	7½	49 12.72	45 53 50.0	88	42	dpl. I.
1281	7½	49 15.47	25 20 15.9	489	44	
	7½	15.52	14.9	54	57	
1282	9	49 16.90	42 39 22.1	51	119	
1283	7½	49 25.01	45 2 45.0	80	73	
	8	25.08	46.0	88	43	
1284	8	49 25.64	43 43 35.2	80	72	
	8	25.70	33.7	80	74	
1285	8	49 29.42	74 32 51.3	480	99	
1286	7	49 30.28	48 4 37.8	16	23	
1287	8½	49 31.05	38 11 51.8	30	12	
1288	9½	49 32.58	70 47 42.0	479	116	
	9	32.88	42.0	486	1	
1289	9	49 32.79	69 45 55.9	479	117	
1290	9½	49 39.42	66 8 25.2	75	102	s. pr.
1291	9½	49 40.45	28 34 13.3	487	52	
	9	40.50	10.5	97	10	
1292	8½	49 41.03	66 8 11.8	75	101	n. sq.
1293	9½	49 43.29	30 21 34.8	90	53	
1294	10	49 44.72	41 11 57.4	85	78	
1295	10	49 46.70	50 37 42.2	83	78	
1296	6	49 51.58	28 27 12.1	487	53	
	6	51.67	11.3	97	11	
1297	9½	50 0.40	23 9 59.3	58	18	
1298	9	50 0.93	27 1 31.2	97	12	
	9½	1.01	30.4	54	58	
1299	8½	50 4.83	55 40 56.0	98	3	
1300	9½	50 6.81	39 46 56.5	85	79	
1301	9	50 7.67	57 25 7.5	45	125	
1302	8½	50 12.83	26 13 49.3	54	59	
	8	13.08	48.2	483	63	
1303	9½	50 14.56	49 13 7.1	481	94	
1304	9	50 15.52	63 10 33.3	62	41	
1305	5½	50 19.77	70 12 12.8	479	118	
	5½	19.86	10.9	486	2	
1306	6¼	50 20.31	53 52 4.2	12	27	
1307	8	50 23.39	36 17 23.7	101	1	
1308	8	50 27.68	43 21 19.9	80	75	
1309	9½	50 29.61	34 29 41.5	49	46	
1310	9	50 30.41	24 20 11.7	489	45	
1311	9	50 37.30	69 18 17.7	479	119	
1312	9½	50 40.21	47 3 16.6	88	44	
	9½	40.55	15.5	16	24	
1313	8	50 42.99	26 2 25.3	54	60	
	7½	43.08	25.9	489	46	
	7½	43.25	26.1	483	64	
1314	9½	50 45.60	78 32 8.2	482	53	
1315	9	0 50 49.02	39 6 49.3	30	13	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1316	7	0 50 50.88	74 59 0.9	482	52	
1317	9	50 51.44	39 36 32.4	85	80	
1318	8½	50 58.52	32 33 10.8	77	98	
	9	58.65	12.0	494	6	
1319	8½	51 0.12	58 15 47.9	45	126	
1320	9	51 4.72	55 38 17.7	98	4	
1321	9	51 7.17	30 2 13.8	487	54	
	9½	7.32	13.3	90	54	
1322	9	51 8.19	34 32 48.9	49	47	
1323	9½	51 9.74	31 42 8.3	491	26	
1324	9½	51 10.08	52 57 49.4	83	79	
1325	8	51 10.78	47 32 26.0	16	25	
1326	9	51 11.60	60 26 22.0	45	127	
1327	8	51 11.72	64 38 28.7	75	103	
1328	9½	51 12.67	60 20 57.0	45	128	
1329	9	51 17.58	37 6 38.7	31	77	
	8	17.66	38.2	101	2	
1330	9	51 18.07	23 5 47.7	58	19	
1331	9	51 20.56	52 33 11.3	83	80	
1332	9	51 28.26	40 12 12.4	85	82	
1333	9	51 29.66	61 14 49.6	62	42	
1334	8½	51 31.16	50 16 25.3	79	53	
	9	31.22	21.4	481	95	
1335	8	51 37.99	37 7 41.9	101	3	
	9	38.18	44.4	31	78	
1336	10	51 38.08	39 48 40.1	85	81	
1337	8½	51 39.91	31 9 50.8	90	55	
	8½	40.01	50.0	491	27	
	8	40.02	49.5	77	99	
1338	9	51 44.51	64 45 7.2	75	105	dpl. II.
1339	8½	51 46.18	41 55 48.9	51	120	
	8	46.26	48.6	103	1	
1340	8½	51 48.47	49 25 10.2	79	54	
	7½	48.53	10.1	9	5	
	8½	48.60	9.1	481	96	
1341	8½	51 52.89	23 16 16.3	58	20	
1342	8	51 53.61	48 14 29.5	16	26	
1343	9½	51 56.67	73 47 59.0	480	98	
	9	57.13	59.7	480	103	
1344	9½	51 58.40	64 46 50.3	75	106	
1345	9½	52 5.11	48 6 59.2	16	27	
1346	8½	52 5.31	52 56 34.0	83	82	
	8½	5.52	33.5	12	28	
1347	8½	52 6.08	74 30 5.3	480	100	
1348	7½	52 7.55	26 33 9.0	483	66	
	7½	7.57	8.2	54	61	
1349	9½	52 8.94	36 52 29.9	30	14	
1350	9	52 12.01	44 8 1.9	80	76	
1351	8	52 13.30	27 46 3.2	97	13	
	8	13.54	2.8	483	65	
1352	8½	52 20.58	44 48 33.9	88	45	
	8½	20.65	32.2	80	77	
1353	8	52 21.51	40 38 24.8	85	83	
1354	9	52 25.24	66 58 11.6	479	120	
	9	25.49	10.4	486	5	
1355	8½	52 28.20	44 1 10.7	80	78	
1356	9	52 28.83	52 25 59.1	83	81	
1357	8½	52 32.34	55 55 13.2	98	5	
1358	9	52 33.35	70 17 56.4	479	123	
	9	33.42	54.0	486	3	
1359	4	52 34.82	30 1 60.8	487	55	
	4½	34.96	60.7	90	56	
	4½	34.96	57.4	491	28	
1360	8½	52 35.21	73 44 38.5	480	102	
1361	9	52 36.21	64 34 8.0	75	104	
	9	36.28	6.7	75	108	
1362	8½	52 40.96	35 5 57.1	101	4	
1363	8	0 52 41.23	49 14 56.4	9	6	
	8½	41.38	56.9	481	97	
	9	41.40	57.2	79	55	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
1364	9	0 52 41.59	74 23 42.9	480	101
1365	9½	52 44.16	76 5 0.1	482	54
1366	8	52 44.50	58 22 37.4	45	129
1367	8½	52 47.29	64 27 1.5	75	107
1368	9½	52 57.83	27 12 9.2	97	14
1369	9	52 57.85	24 21 53.9	489	47
1370	9	52 59.90	30 4 37.8	491	29
	9	60.05	37.5	487	56
	9	60.15	36.8	90	57
1371	7	53 2.04	67 14 9.2	486	4
	7½	2.37	10.4	479	121
1372	9	53 7.08	54 23 4.1	98	6
	9½	7.22	2.9	12	29
1373	6½	53 10.09	61 22 20.3	62	43
1374	8	53 10.71	51 56 27.3	83	83
1375	8½	53 12.23	65 23 16.1	75	109
1376	9	53 12.82	47 11 33.1	88	46
	9	12.84	32.3	16	28
1377	8½	53 16.—	65 26 16.2	75	110
1378	8½	53 16.24	43 55 12.9	80	79
1379	8	53 16.91	68 52 6.7	486	6
	8½	17.07	7.6	479	122
1380	8½	53 17.—	42 24 57.6	103	2
	8½	17.73	57.6	51	121
1381	8½	53 21.41	36 9 56.8	101	6
1382	9	53 22.89	71 8 3.5	479	124
1383	9	53 24.56	61 26 39.5	62	44
1384	7	53 29.67	35 18 44.6	101	5
1385	9	53 35.14	41 40 23.0	51	122
1386	8½	53 39.54	63 7 40.2	62	45
1387	9	53 44.97	25 13 36.5	54	62
	9	45.14	36.7	489	49
1388	7½	53 45.34	32 0 39.1	77	100
	7½	45.35	40.6	494	7
	7½	45.41	39.6	491	30
1389	8½	53 45.94	26 32 19.5	483	67
	8½	46.02	19.0	483	69
1390	9½	53 47.63	54 23 12.9	12	30
1391	9	53 48.12	25 6 42.9	54	63
	8½	48.13	41.9	58	21
	9	48.22	39.9	489	48
1392	9	53 48.95	47 17 16.2	16	29
1393	7½	53 50.66	77 13 47.6	482	55
1394	8½	53 55.68	31 56 45.0	77	101
	9	55.78	46.7	494	8
	9	55.93	46.9	491	31
1395	9	53 57.52	31 6 15.7	77	102
	9½	57.61	15.9	491	32
1396	8	54 0.52	59 4 39.8	45	130
1397	9½	54 2.71	22 52 20.8	58	22
1398	9½	54 3.77	33 17 53.7	49	48
1399	9	54 4.38	50 6 7.9	9	7
1400	9	54 5.55	44 52 54.7	80	80
1401	8½	54 6.17	46 35 25.2	88	47
1402	8	54 16.62	50 25 29.4	83	86
	7½	16.63	28.8	481	98
	7	16.70	30.3	9	8
	8	16.76	30.4	79	56
1403	9	54 28.92	52 0 57.8	83	84
1404	8	54 28.99	26 25 15.5	54	64
	7½	29.03	17.6	483	68
1405	7½	54 30.—	40 46 36.7	103	3
	8½	30.27	37.5	85	84
1406	9½	54 30.36	45 46 35.6	88	48
1407	8½	54 32.36	55 10 17.6	98	7
	9½	32.53	16.7	12	31
1408	8½	54 34.81	26 57 25.8	483	70
	8½	34.83	24.8	97	15
1409	8	0 54 36.90	51 11 57.3	83	85
	7½	36.99	56.1	481	99
1410	10	0 54 37.29	27 47 50.2	487	58
1411	8½	54 39.27	24 56 45.7	54	65
	8½	39.28	46.7	58	24
	9	39.36	45.4	489	50
1412	9½	54 40.02	44 0 54.0	80	82
1413	7	54 41.62	36 54 43.7	101	7
	7	41.71	45.2	30	15
1414	9½	54 45.00	27 53 18.7	487	57
1415	9	54 46.19	25 5 51.1	58	23
	9	46.20	52.6	54	66
1416	8½	54 46.39	43 59 22.4	80	81
1417	10	54 53.68	40 12 45.3	85	85
1418	8	55 1.82	57 36 11.3	98	8
	8	2.02	12.0	45	131
1419	9	55 5.11	33 23 29.3	49	49
1420	6¾	55 10.91	53 15 24.2	12	32
1421	8½	55 14.81	29 33 23.8	90	58
1422	9½	55 17.83	60 56 30.0	62	46
1423	8½	55 21.65	47 0 58.1	88	49
	8	21.84	58.3	16	30
1424	9	55 23.58	74 25 21.8	480	104
1425	7½	55 25.94	34 2 3.2	49	50
	7½	25.99	0.2	494	9
1426	9	55 27.91	28 7 25.4	97	16
1427	9	55 29.75	58 23 32.0	45	132
1428	9	55 31.22	55 57 16.0	98	9
1429	9½	55 31.85	70 56 33.7	479	126
	9½	31.95	36.1	486	8
1430	8½	55 36.98	41 6 21.4	103	4
1431	9½	55 37.08	31 36 38.5	491	33
1432	9½	55 41.67	52 29 39.7	83	87
1433	9½	55 43.02	65 20 18.8	75	111
1434	8	55 43.41	24 3 30.4	58	25
	8½	43.52	30.0	489	51
1435	8	55 44.29	70 51 2.1	479	125
	7½	44.54	2.4	486	7
1436	7	55 44.48	38 53 5.5	30	16
1437	10	55 45.73	26 33 36.1	54	67
1438	9½	55 58.59	42 47 43.7	80	83
1439	8½	55 58.98	76 29 17.7	482	56
1440	9½	56 0.24	30 39 39.1	491	34
1441	9	56 0.87	68 46 2.2	479	127
1442	8	56 3.49	46 53 19.6	88	50
1443	9	56 6.48	76 29 13.2	482	57
1444	7	56 10.—	61 32 13.6	62	47
1445	8½	56 11.05	40 53 9.6	85	86
	7½	11.45	9.0	103	5
1446	8½	56 14.49	32 17 42.7	77	103
	8½	14.68	43.3	494	10
1447	9½	56 15.88	69 12 35.8	486	9
1448	8¼	56 16.35	53 59 28.4	12	33
1449	9½	56 16.62	50 55 45.1	481	100
1450	9	56 18.—	62 26 33.9	62	49
1451	8¼	56 21.86	53 49 49.8	12	34
1452	9	56 25.62	31 3 53.2	90	59
1453	6	56 28.09	32 13 32.4	77	104
	5½	28.22	29.9	494	11
	6	28.30	31.0	491	35
1454	9	56 29.10	64 53 33.7	75	113
1455	8	56 31.58	50 19 38.7	83	89
	8	31.65	35.8	481	102
	8	31.71	35.2	9	9
1456	9½	56 33.—	61 30 23.6	62	48
1457	8	56 35.17	45 50 38.7	88	51
1458	9½	56 36.88	42 47 49.9	80	84
1459	9	56 37.27	50 24 7.8	83	88
	8½	37.31	7.1	9	10
	9	37.57	7.2	481	101
1460	9	0 56 39.57	35 2 37.7	49	51
	8	39.70	37.0	101	8

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No.	Mag.	1875.0 Asc Recta.	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1461	7½	0 56 41.82	44 46 24.5	104	1	
	7½	41.92	25.3	80	85	
1462	9½	56 42.95	75 59 29.5	482	58	
1463	6	56 44.26	57 40 32.0	98	10	
	6	44.51	30.8	45	133	
1464	9	56 47.14	69 14 36.8	486	10	
1465	8	56 47.86	73 22 14.3	480	107	
1466	9½	56 49.87	30 55 32.7	90	60	
1467	9½	56 51.63	24 46 12.1	58	26	
1468	9	56 51.87	24 33 17.7	489	52	
1469	9	56 54.34	48 52 26.3	481	103	
1470	9	56 56.30	40 41 22.8	85	87	
1471	9½	56 56.39	72 12 43.1	480	106	
1472	7½	57 0.83	37 59 5.6	30	17	
1473	8½	57 1.67	37 57 24.2	30	18	
1474	9	57 6.35	66 19 32.0	75	112	
	8½	6.61	32.1	65	1	
1475	9	57 7.38	23 51 7.9	489	53	
1476	8	57 7.76	47 57 17.6	16	31	
1477	8½	57 10.38	27 46 47.6	483	71	
1478	6	57 10.91	47 4 10.9	88	53	
	5	10.93	12.7	38	47	
	5½	10.97	11.8	16	32	
1479	8½	57 12.37	58 0 48.2	45	134	
1480	8	57 12.32	26 50 59.7	483	72	
	8½	12.35	60.1	54	68	
	8	12.50	59.9	97	17	
1481	10	57 16.09	76 27 3.8	482	59	
1482	8	57 17.60	28 33 3.9	97	18	
	8	17.60	6.1	487	60	
1483	6½	57 19.43	30 11 47.4	90	61	
	6½	19.49	48.2	487	59	
	6½	19.54	46.0	491	36	
1484	8	57 19.72	72 13 16.7	480	105	
1485	9	57 27.56	46 33 21.5	88	52	
1486	8	57 27.58	32 45 0.9	494	12	
1487	8½	57 27.89	52 29 42.6	83	91	
1488	7	57 32.63	41 41 33.6	103	6	
1489	9	57 44.47	39 47 34.0	85	88	
1490	8½	57 45.39	31 4 8.0	491	37	
1491	9	57 46.58	57 34 44.3	45	135	
1492	9	57 54.01	32 27 30.7	494	13	
1493	8	57 54.08	44 54 49.5	104	2	
	8½	54.30	50.5	80	87	
	9	54.35	51.7	88	54	
1494	9	57 54.76	52 5 31.5	83	90	
1495	7	57 55.22	66 7 42.7	75	114	
	7	55.34	41.6	65	2	
1496	9½	57 57.51	44 50 11.5	80	86	
1497	9	58 1.57	54 50 3.8	98	11	
	9	1.62	1.4	12	35	
1498	8	58 6.20	35 20 54.9	101	10	
1499	9½	58 7.94	52 39 7.5	83	93	
1500	7	58 9.93	41 19 11.3	103	8	
1501	8	58 12.93	60 45 52.8	45	136	} dpl.
1502	7	58 13.55	60 46 1.9	62	50	} dpl.
1503	9	58 14.54	24 56 40.9	54	69	
	9	14.60	40.2	489	54	
1504	9½	0 58 15.17	35 7 16.6	49	52	
	9	15.17	17.5	101	9	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1505	7	0 58 15.18	41 12 2.7	85	89	
	7	15.59	1.3	103	7	
1506	9	58 15.56	52 38 51.1	83	92	
1507	9½	58 17.02	27 49 35.4	487	61	
1508	9½	58 19.66	23 9 13.1	58	28	
1509	10	58 21.65	26 15 53.3	54	70	
1510	8	58 24.31	43 58 18.9	104	3	
1511	9½	58 24.39	38 3 37.3	30	21	
1512	9	58 27.64	45 14 15.1	80	88	
1513	8½	58 29.21	38 3 43.8	30	20	
1514	9	58 31.14	30 28 2.4	90	62	
	8½	31.32	4.0	491	39	
1515	8½	58 31.20	37 58 23.9	30	19	
1516	8½	58 33.28	23 10 32.2	58	27	
1517	6½	58 38.59	34 12 9.3	494	14	
	6½	38.69	11.1	49	53	
1518	8½	58 38.59	31 9 40.0	90	63	
	8	38.94	36.9	491	38	
1519	9½	58 44.13	76 28 22.2	482	60	
1520	9	58 45.41	24 31 43.7	489	55	
1521	9	58 47.69	36 54 10.8	101	11	dpl. II.
1522	6½	58 48.79	48 36 40.0	16	33	
1523	8½	58 54.53	55 43 33.4	98	12	
1524	7½	58 54.86	40 8 26.3	85	90	
1525	9½	58 56.90	72 45 33.9	480	108	
1526	7½	59 4.19	43 44 7.2	104	4	
	8	4.27	6.6	80	89	
1527	9½	59 5.36	65 38 30.2	75	116	
1528	9½	59 7.00	65 46 26.0	65	3	
	9½	7.00	22.5	75	115	
1529	9	59 8.89	64 48 56.5	75	118	
	9	8.96	56.5	65	5	
1530	9½	59 10.87	73 2 18.6	480	109	
1531	7½	59 19.53	38 14 5.8	30	22	
1532	8½	59 21.81	59 6 33.9	45	137	
1533	8½	59 24.65	56 7 27.8	98	13	
1534	7½	59 26.40	28 59 26.3	97	19	
	8	26.44	25.4	487	62	
	8	26.58	26.5	90	64	
1535	8	59 33.67	27 37 24.3	483	73	
	7½	33.71	24.1	97	20	
1536	7½	59 36.18	78 13 15.9	482	61	
1537	7	59 36.50	40 56 22.5	85	91	
	7	36.90	21.2	103	9	
1538	8	59 42.56	24 15 51.8	58	30	
	8½	42.65	50.7	489	56	
1539	8	59 45.55	65 22 17.5	75	117	
	7½	45.73	19.7	65	4	
1540	9	59 46.62	26 58 28.7	54	71	
	8½	46.69	29.9	483	75	
1541	9	59 47.18	46 16 41.3	88	55	
	8	47.20	42.1	38	48	
1542	9	59 47.75	27 19 54.1	97	21	
1543	9	59 47.82	32 37 11.6	494	15	
1544	9	59 49.04	44 8 49.1	80	90	
1545	9½	59 49.33	26 9 10.8	54	72	
1546	8½	59 52.48	43 32 8.6	104	5	
1547	8½	59 54.97	27 23 52.9	483	74	
	8½	54.98	53.3	97	22	
1548	8½	0 59 55.95	42 2 20.5	103	12	

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HORA I.

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1	8	1 0 2.62	58 27 50.5	45	138	
2	7½	0 2.75	42 12 1.6	103	10	
3	7	0 4.22	24 39 39.8	489	57	
	6½	4.30	39.6	58	29	
4	9½	0 4.27	56 2 31.3	98	14	
5	8½	0 5.66	32 31 21.7	494	16	
6	8½	0 15.47	40 5 2.7	85	92	
7	8½	0 15.64	71 12 37.0	486	11	
8	8½	0 19.69	72 55 22.3	480	110	
9	8	0 21.51	38 54 10.5	30	23	
10	8	0 22.73	42 10 20.2	103	11	
11	8	0 25.51	35 28 1.1	101	13	
12	8	0 26.28	43 14 40.3	80	91	
13	9½	0 26.53	49 36 38.1	9	11	
	9	26.63	37.3	481	104	
14	4	0 30.13	47 23 17.0	16	34	
15	9½	0 31.91	33 17 44.2	494	17	
16	6½	0 34.97	36 19 45.5	101	12	
17	9	0 36.44	25 48 18.3	54	73	
	8½	36.62	15.9	483	76	
	9	36.70	18.3	489	58	
18	9½	0 37.00	61 23 51.9	62	51	
19	9	0 37.54	37 36 19.5	30	24	
20	9	0 39.37	62 1 36.3	62	52	
21	10	0 40.64	31 56 51.4	491	40	
22	9½	0 41.94	60 39 27.0	45	140	dpl. IV. n.sq.
23	7	0 42.00	40 31 35.8	85	93	
24	8	0 44.72	23 31 18.5	58	31	
25	9	0 49.48	48 15 49.6	16	35	
26	9	0 50.12	60 43 46.2	45	139	
27	8½	0 59.65	46 35 12.7	88	56	
	8	59.70	13.8	38	49	
28	7½	1 1.32	72 24 20.3	480	112	
29	8½	1 3.03	79 0 55.7	482	62	
30	8½	1 3.33	30 17 4.4	90	65	
	9½	3.35	3.1	491	41	
31	8	1 8.58	25 31 25.8	54	74	
	8½	8.60	24.4	489	59	
32	6½	1 8.79	24 39 51.2	58	32	
	7	8.90	52.0	489	60	
33	9	1 13.29	48 44 48.9	9	12	
34	8½	1 14.26	51 39 31.4	83	94	
35	9	1 16.84	56 46 11.2	98	15	
36	8½	1 20.44	73 13 9.1	480	111	
37	9½	1 23.41	79 0 18.5	482	63	
38	8½	1 26.99	61 49 20.4	62	53	
39	9	1 29.27	35 31 35.4	101	14	dpl. II.
40	9	1 36.61	29 57 22.5	90	66	
41	8	1 37.64	29 22 24.1	90	67	
	9	37.74	24.4	487	64	
42	9½	1 38.03	24 37 59.9	489	61	
43	7½	1 1 38.45	28 23 25.8	97	23	
	8	38.52	28.2	487	63	
44	9	1 1 39.18	32 19 54.8	494	18	
45	9½	1 45.08	66 19 31.7	65	6	
46	10	1 45.38	68 38 53.0	486	12	
47	9½	1 46.28	50 42 47.3	83	95	
	9	46.37	45.3	481	105	
48	8	1 46.67	33 28 51.4	494	19	
	7½	46.68	51.4	49	54	
49	9	1 46.77	27 39 13.5	97	24	
	8½	46.92	17.8	483	77	
50	7	1 47.—	42 24 46.4	103	14	
51	8½	1 51.04	60 38 2.8	45	141	
52	9	1 52.20	25 16 25.0	489	62	
	9	52.37	26.1	54	75	
53	8	1 58.99	56 46 16.8	98	16	
54	5	2 4.—	42 9 19.8	103	13	
55	8	2 4.33	44 27 33.8	104	6	
56	8½	2 8.53	64 1 24.4	75	119	
57	9½	2 9.82	66 31 52.3	65	7	
58	8	2 10.87	78 58 2.7	482	64	
59	8½	2 15.08	41 14 26.9	85	94	
60	9	2 15.94	33 27 25.7	49	55	
	9	15.94	25.7	494	20	
61	9	2 17.26	45 58 57.0	38	51	
62	6	2 21.36	62 26 36.2	62	54	
63	8½	2 24.32	24 54 30.0	54	76	
	8½	24.46	31.1	489	63	
	8	24.47	30.3	58	33	
64	9	2 24.71	38 56 51.7	85	95	
65	9½	2 24.87	45 28 28.4	88	57	
	9	24.92	29.7	38	50	
66	9	2 28.89	48 13 26.0	16	36	
67	9	2 30.06	33 5 36.8	494	21	
68	9	2 34.05	54 30 51.5	12	36	
69	7½	2 34.26	56 38 9.1	98	17	
70	9	2 41.72	39 2 39.1	85	96	
71	8	2 42.24	78 15 11.4	482	65	
72	9	2 42.83	59 43 28.6	45	142	
73	8½	2 44.30	26 31 45.5	483	78	
74	8	2 48.78	32 49 40.6	77	105	
75	9	2 49.54	34 58 54.8	49	56	
	8	49.55	53.7	101	15	
76	9	2 50.06	69 14 1.4	71	1	
	9½	50.13	3.6	486	13	
	8½	50.23	2.0	87	1	
77	8½	2 54.72	30 17 18.7	491	42	
	8	54.82	19.9	90	68	
78	7	3 0.23	47 20 10.4	16	37	
79	9	3 0.62	31 35 35.1	491	43	
80	8½	3 1.09	26 12 10.3	483	79	
81	7½	3 7.15	62 32 21.7	62	55	
82	4½	3 7.55	55 54 51.6	98	18	dpl. II. n.sq.
83	8½	3 13.12	34 16 32.5	49	57	
84	10	1 3 15.90	28 46 56.3	487	65	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
85	8½	1 3 16.82	54 0 59.2	12	37	
86	8½	3 19.61	36 48 28.2	101	16	
87	8	3 20.52	43 18 41.6	104	8	
88	7½	3 21.—	43 4 5.9	103	15	
	7½	21.77	9.1	104	7	
89	9½	3 23.83	38 0 25.9	30	25	
90	9½	3 29.21	64 58 40.2	65	8	
91	9½	3 29.68	24 36 34.3	489	64	
92	9½	3 29.78	54 36 26.1	98	19	
	9	29.91	25.5	12	38	
93	9	3 35.37	60 12 39.2	45	143	
94	9½	3 39.29	27 32 53.4	97	25	
95	9	3 42.48	51 30 13.6	83	96	
96	9	3 45.28	60 18 16.3	45	146	
97	9½	3 47.92	61 17 13.3	62	56	
98	8½	3 50.—	40 48 32.8	103	16	
	8½	50.64	33.2	85	97	
99	9	3 52.72	29 26 16.1	90	69	
	9	52.74	15.7	487	66	
100	9	3 58.39	32 45 1.1	77	106	
101	7½	4 0.09	46 55 55.1	38	52	
	9	0.13	54.3	88	58	
102	10	4 2.14	65 0 1.6	65	10	
103	7½	4 3.29	26 51 35.5	54	77	
	7½	3.32	35.6	97	26	
	8	3.42	36.0	483	80	
104	9½	4 3.69	51 4 10.8	481	106	
105	9½	4 4.72	60 18 17.0	45	144	
106	9½	4 5.38	33 19 23.3	494	22	
107	7	4 9.57	57 15 39.8	60	1	
108	9	4 18.46	49 1 16.0	481	107	
109	7½	4 19.48	37 12 40.8	101	17	
	7½	19.51	40.8	30	26	
110	9½	4 20.00	48 20 28.3	16	38	
111	9½	4 21.33	60 10 60.7	45	147	
	9	21.44	58.9	45	145	
112	9	4 21.50	73 40 48.5	480	117	
113	9½	4 24.17	25 34 28.7	54	78	
114	8½	4 26.44	77 20 28.0	482	66	
115	8	4 28.39	56 36 44.5	98	20	
116	8½	4 28.46	45 9 43.9	104	9	
117	8	4 28.82	71 20 1.2	480	113	
118	9½	4 31.17	44 44 34.4	88	59	
119	9	4 33.59	41 17 23.4	103	18	
120	8½	4 34.29	28 26 42.5	487	67	
	9	34.50	41.1	97	27	
121	8	4 35.43	67 32 49.5	71	3	
	8	35.49	49.9	87	4	
	9½	35.64	48.5	486	14	
122	9	4 42.56	70 13 59.4	71	2	
	8	42.63	57.5	87	3	
	8½	42.67	58.7	486	17	
123	8½	4 43.25	72 30 9.8	495	1	
	8½	43.26	9.8	480	115	
124	8	4 52.70	43 37 2.8	104	10	
125	8½	4 54.92	71 8 21.4	87	2	
	9	55.48	23.1	486	18	
	9	55.57	23.8	495	2	
126	10	4 57.32	69 31 9.5	486	16	
127	8	5 0.—	43 3 54.0	103	17	
128	6½	5 0.94	58 21 22.4	60	2	
129	9	5 1.68	67 27 60.0	71	4	
	8½	1.77	58.1	87	5	
130	8½	5 6.29	50 22 47.9	83	97	
	8	6.33	46.4	9	13	
	8½	6.42	46.5	481	108	
131	7	5 7.—	57 31 35.4	98	22	
132	9	1 5 10.60	53 29 6.2	12	39	
133	9½	1 5 13.23	69 27 27.9	486	15	
134	9½	5 14.11	50 17 32.2	83	98	
	9	14.20	30.0	481	109	
	9½	14.31	27.4	9	14	
135	9	5 15.39	65 1 31.5	65	9	
	9	15.39	31.5	75	120	
136	8	5 16.30	32 54 49.0	49	58	
	8	16.30	49.2	494	23	
	7½	16.40	49.5	77	107	
137	8	5 17.35	37 18 11.3	101	18	
	9	17.52	11.7	30	27	
138	9½	5 18.48	73 18 29.9	480	116	
139	8½	5 25.86	23 23 37.0	58	34	
140	9	5 29.71	27 47 19.7	97	28	
	9½	29.88	20.2	487	68	
141	9	5 30.16	30 9 24.2	90	71	
142	9	5 32.44	71 18 36.2	480	114	
143	9½	5 37.66	51 30 10.3	83	99	
144	9	5 39.23	31 13 56.9	90	70	
	8½	39.32	54.9	77	108	
	9	39.34	54.7	491	44	
145	10	5 42.59	26 37 33.7	54	79	
146	9½	5 50.94	27 1 14.6	97	29	
147	9	5 50.96	60 25 59.3	45	148	
	8½	51.00	63.1	62	57	
148	9	5 54.36	71 9 4.2	71	6	
	9½	54.43	3.9	486	19	
149	8½	5 55.85	56 51 11.6	98	21	
150	8	6 0.35	35 27 32.4	101	19	
151	8½	6 1.29	66 35 15.6	65	11	
152	8½	6 1.86	46 7 50.2	38	53	dpl.
153	9	6 2.69	70 19 28.3	71	5	
154	9½	6 5.17	24 5 45.8	489	65	
155	9	6 9.97	23 19 48.9	58	35	
156	9½	6 10.76	41 24 8.5	103	19	
157	8½	6 12.43	26 58 20.1	54	80	
	8½	12.48	20.8	97	30	
	8½	12.85	18.9	483	81	
158	7½	6 13.99	66 50 57.0	87	6	
	8½	14.30	54.8	65	12	
159	8	6 15.91	39 49 30.3	85	98	
160	8	6 18.08	59 51 55.8	60	3	
	8½	18.34	51.9	45	149	
161	7	6 19.78	73 37 22.0	480	118	dpl. I. s.
	7	19.87	23.5	495	3	
	7	19.96	22.8	495	5	
162	8½	6 19.79	38 36 26.3	30	28	
163	9	6 27.32	47 5 29.1	38	54	
	9½	27.39	28.4	16	39	
164	6½	6 28.82	31 27 51.2	77	109	
	6½	28.85	49.7	491	45	
165	9	6 29.36	51 15 16.8	481	110	
166	8½	6 32.22	29 42 47.5	90	72	
	9½	32.35	48.4	487	69	
167	9½	6 33.73	74 17 14.0	480	120	
168	8	6 34.07	45 9 42.1	104	11	
169	9	6 35.11	38 54 40.7	85	99	
	8½	35.81	41.4	30	29	
170	9½	6 36.68	41 11 46.6	85	100	
171	9½	6 41.69	33 2 26.4	49	59	
	9	41.72	27.7	77	110	
	9½	41.73	26.5	494	24	
172	9	6 41.78	79 5 6.4	482	67	
173	9	6 43.38	29 50 34.6	487	70	
	9	43.51	36.5	90	73	
174	9½	6 44.51	47 45 53.1	16	40	
175	8½	6 46.06	52 25 2.6	83	100	
176	8½	1 6 54.48	49 56 30.7	481	113	
	9	54.64	31.3	9	16	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
177	8	1 6 54.88	54 45 34.1	98	23
	8¼	55.10	34.4	12	40
178	7	6 58.38	35 52 7.7	101	21
179	6	6 59.86	38 31 9.4	30	30
180	9	7 4.28	48 58 50.8	9	15
181	9	7 5.90	50 32 16.6	481	111
182	9½	7 6.49	31 6 53.4	491	46
183	7½	7 7.69	36 24 32.9	101	20
184	9½	7 9.60	52 19 34.9	83	101
185	9	7 11.67	27 6 20.2	54	81
	9	11.72	19.1	97	31
186	8½	7 14.11	54 42 7.1	98	24
	9	14.50	5.8	12	41
187	8½	7 14.39	50 25 56.4	481	112
	8½	14.48	54.1	9	17
188	9	7 16.47	58 1 35.2	45	150
189	9	7 19.45	71 4 38.2	87	7
	9½	19.59	38.7	486	20
190	9	7 25.09	77 52 17.1	482	69
191	9	7 25.68	73 40 58.7	480	119
	9	26.08	57.7	495	4
	9	26.19	58.0	495	6
192	8½	7 27.26	49 30 25.2	481	114
193	8½	7 28.83	41 16 28.6	103	20
194	10	7 29.91	78 56 51.2	482	68
195	8	7 29.96	32 34 15.2	77	111
196	9½	7 30.82	33 24 12.6	49	61
	9½	30.99	12.6	494	26
197	9	7 33.16	33 28 59.1	49	60
	9	33.16	58.6	494	25
198	9½	7 39.83	58 1 59.9	45	151
199	7½	7 43.04	40 12 16.2	85	101
200	9½	7 49.85	24 55 14.3	54	82
	9½	49.92	14.1	489	66
201	9	7 50.12	30 58 20.7	77	114
	9	50.52	16.6	491	47
202	8	7 51.23	31 46 45.4	77	112
	8	51.30	45.4	491	48
203	8	7 51.53	62 56 29.9	62	58
204	9½	7 54.09	34 1 40.1	494	27
205	8	8 3.65	42 53 9.0	104	12
206	7½	8 6.78	36 50 52.0	101	22
207	9½	8 7.86	25 3 58.3	54	84
208	9	8 11.78	31 1 40.8	77	113
	9	11.90	40.4	491	49
209	7½	8 12.19	43 2 6.1	104	13
210	9	9 18.93	24 57 48.7	489	67
	9½	18.95	50.7	54	83
211	9½	8 20.22	23 40 40.2	58	36
212	8½	8 21.17	51 19 18.4	83	102
213	9½	8 23.91	29 13 44.9	487	71
	9½	23.95	45.8	90	74
214	8½	8 25.27	51 18 55.6	83	103
215	9	8 26.47	47 6 11.7	38	55
	9½	26.64	8.5	16	41
216	8½	8 26.73	43 12 3.9	104	14
217	8½	8 27.09	23 6 31.4	58	38
218	9	8 29.91	41 20 53.3	103	21
219	9½	8 29.95	37 15 17.6	101	23
220	9½	8 35.41	64 25 24.9	65	14
221	8½	8 37.42	45 16 55.3	38	56
222	8	8 37.62	37 40 15.9	30	31
223	8½	8 37.64	32 0 19.8	77	115
	9	37.67	19.7	494	28
224	8	8 40.35	23 11 17.4	58	37
225	7½	1 8 42.25	74 34 18.0	495	9
	7½	42.34	18.4	480	121
	7½	42.46	18.2	495	7
226	8½	1 8 44.07	55 54 18.8	98	25
227	9	8 48.81	54 22 20.8	12	42
228	8½	8 49.10	42 33 14.8	103	22
229	9	8 52.04	30 3 13.2	487	72
	9	52.10	13.0	491	50
	9	52.13	14.1	90	75
230	9	8 52.79	41 12 41.4	85	102
	9	53.13	38.6	103	23
231	8	8 59.47	51 4 41.7	83	104
	7½	59.81	42.7	481	115
232	9½	9 0.43	50 54 46.1	83	105
	9	0.50	41.9	481	116
233	9	9 0.46	45 7 53.7	104	15
234	7¾	9 6.37	53 47 13.7	12	43
235	9	9 8.54	65 41 43.4	65	13
236	8	9 11.61	22 57 34.1	58	39
237	8	9 13.67	61 40 16.2	62	59
238	9½	9 14.46	72 17 49.1	480	123
239	8	9 20.87	71 32 40.8	480	125
	8½	20.96	38.6	495	10
240	9	9 21.86	30 14 4.6	90	76
	9	21.89	5.3	487	73
241	9	9 22.88	28 54 59.2	97	32
	9	23.02	59.7	487	75
242	8½	9 26.49	24 36 52.7	489	68
243	5½	9 32.44	46 11 58.8	38	57
244	9½	9 33.64	28 55 29.4	97	33
	9½	33.79	31.2	487	74
245	8½	9 33.96	37 59 7.1	30	32
246	7½	9 38.72	58 2 44.6	60	4
	8	38.98	41.2	45	152
247	9½	9 45.43	34 41 30.8	49	62
248	7½	9 47.46	56 2 2.1	98	27
249	9	9 50.53	71 31 54.6	480	126
250	7	9 53.07	56 17 37.8	98	26
251	7½	9 53.18	24 38 3.2	489	69
	7½	53.31	3.5	58	41
252	9	9 53.83	31 9 11.2	90	77
253	8½	9 54.21	23 58 33.1	58	40
254	9	9 56.62	65 33 28.8	65	16
255	8½	9 56.70	74 56 17.8	480	122
	9	56.78	18.5	495	8
	9	56.80	20.8	482	70
256	9½	10 1.78	46 29 25.3	38	58
257	8½	10 4.57	65 24 54.3	65	15
258	8½	10 5.06	40 36 51.8	85	103
259	9½	10 7.03	75 45 58.8	482	71
260	8½	10 8.36	60 46 37.2	62	60
261	9½	10 9.70	71 7 18.5	486	21
262	9½	10 9.71	49 19 44.2	481	117
263	9½	10 16.24	72 22 27.5	480	124
264	8	10 18.45	34 48 34.6	101	24
	8	18.55	35.0	49	63
265	8½	10 18.72	32 3 9.1	494	29
	8½	18.78	9.8	77	116
	8½	18.95	8.5	491	51
266	8	10 23.84	56 14 17.6	98	28
267	8	10 27.02	57 54 40.9	60	5
	9	27.26	39.6	45	153
268	9½	10 30.59	29 52 23.5	90	78
269	8¼	10 31.41	54 22 38.6	12	44
270	9	10 31.83	33 42 11.6	49	64
271	9	10 32.97	71 42 2.4	480	127
272	6½	10 36.70	42 40 9.8	103	24
273	8	10 38.08	62 46 14.5	62	61
274	9	10 40.39	47 29 43.2	16	42
275	8	1 10 40.42	26 20 2.0	54	85
	8½	40.60	2.3	483	82

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
276	8	1 10 42.57	43 8 29.8	104	16	
277	7½	10 44.52	69 29 1.1	71	7	
	7½	44.54	1.5	486	22	
	7½	44.59	2.5	87	8	
278	8½	10 45.11	52 33 8.1	83	106	
279	8½	10 55.37	32 4 3.4	77	117	
	8½	55.46	3.1	491	52	
	8½	55.47	3.6	494	30	
280	8	10 57.67	38 46 48.1	85	104	
	7½	57.85	49.0	30	33	
281	9½	11 3.02	75 17 28.7	482	72	
282	10	11 3.22	66 8 28.2	65	17	
283	9	11 4.21	23 53 55.4	58	42	
	9	4.51	55.2	489	70	
284	8	11 4.78	41 50 27.2	103	26	
285	8½	11 10.29	42 31 51.3	103	25	
286	8	11 10.72	40 11 43.9	85	105	
287	8	11 10.82	31 34 37.9	77	118	
	8½	10.85	38.6	491	53	
288	9½	11 15.90	30 38 38.2	491	54	
	9½	15.91	37.8	90	79	
289	8½	11 19.12	44 41 43.4	104	17	
290	7	11 25.50	43 11 32.0	104	18	
291	5	11 31.21	69 32 22.9	87	9	dpl. II. s.
	5	31.23	25.3	71	8	
	5	31.42	25.3	486	23	
292	7½	11 31.53	35 19 21.0	101	25	
293	9½	11 33.48	37 56 17.2	30	36	
294	9	11 34.67	36 2 16.2	101	26	
295	9	11 34.86	38 0 26.8	30	34	
296	9½	11 35.40	49 20 4.0	481	118	
297	7½	11 39.14	37 55 45.4	30	35	
298	9½	11 39.94	27 40 20.4	97	34	
299	10	11 46.40	49 35 30.9	481	119	
300	9½	11 46.62	33 51 48.4	494	31	
301	9	11 48.26	28 51 26.0	90	80	
	9½	48.33	26.7	487	76	
302	8½	11 50.62	40 33 31.3	85	106	
303	9½	12 7.44	41 56 3.9	103	27	
304	8½	12 8.54	37 11 28.3	30	37	
305	8	12 12.12	68 5 29.9	71	9	
	7	12.19	29.5	87	10	
306	9	12 14.08	27 31 6.2	97	35	
307	9½	12 15.38	62 19 1.5	62	63	
308	8	12 15.91	34 47 46.7	49	65	
309	9½	12 16.00	41 54 29.9	103	28	
310	8	12 16.14	46 49 50.8	38	59	
311	9½	12 17.16	42 14 42.2	103	29	
312	8	12 18.05	24 9 17.5	489	71	
313	9½	12 19.13	33 19 10.8	494	33	
314	9	12 20.71	35 50 54.2	101	27	
315	9	12 23.89	24 3 46.8	489	72	
316	9	12 24.17	53 47 55.9	12	45	
317	7½	12 24.46	23 40 12.6	58	43	
318	7½	12 26.56	33 47 47.7	49	66	
	7½	26.64	46.8	494	32	
319	8½	12 28.79	52 59 51.4	83	107	
320	8	12 29.14	50 27 13.4	9	18	
	8½	29.40	14.3	481	120	
321	9	12 31.76	66 37 35.2	65	18	
322	9	12 32.35	46 0 31.3	38	60	
323	9½	12 34.79	29 55 58.0	487	78	
324	9	12 37.12	50 0 0.2	481	121	
	9	37.23	0.0	9	19	
325	8	12 37.39	29 23 30.0	487	77	
	8	37.50	30.0	90	81	
326	8½	12 38.79	23 28 47.4	58	44	
327	9	12 38.96	62 14 1.4	62	64	
328	9	1 12 39.35	26 33 29.9	54	86	
	9	39.61	29.4	483	83	
329	8½	1 12 40.88	30 50 32.1	77	119	
	9	40.99	30.5	491	55	
330	9½	12 41.77	61 35 10.0	62	62	
331	6½	12 43.07	67 3 25.1	87	11	dpl.
	7	43.08	26.8	71	10	
	6½	43.18	27.4	65	19	
332	7¾	12 44.48	52 45 52.6	12	46	
	8	44.55	49.9	83	108	
333	8½	12 45.24	27 10 2.1	483	84	
	8½	45.26	2.2	97	36	
	8½	45.33	1.0	54	87	
334	8	12 46.04	40 45 43.4	85	107	
335	9½	12 47.16	54 23 28.9	98	29	
336	9	12 48.61	35 27 21.5	101	29	
337	9	12 48.98	36 55 4.6	30	38	
338	8	12 49.89	35 28 38.6	101	28	
339	9	12 50.40	33 50 51.3	494	34	
	9	50.52	50.7	49	67	
340	8	12 51.92	44 51 19.0	104	19	
	9	52.02	19.4	38	61	
341	9	13 1.21	60 40 6.3	60	6	
342	9	13 1.30	32 13 37.8	77	120	
	9½	1.41	36.8	491	56	
343	9	13 1.84	67 17 38.3	87	13	
344	9	13 3.89	29 50 54.8	487	79	
	8½	3.93	53.3	90	82	
	9	4.00	52.3	491	57	
345	7	13 9.08	65 52 16.4	65	20	
346	7	13 11.92	43 59 29.0	104	20	
347	9	13 12.91	76 37 30.8	482	74	
348	8½	13 21.75	23 45 55.7	58	45	
349	8½	13 30.58	25 36 16.7	54	88	
	8½	30.80	15.9	489	73	
350	9½	13 31.85	40 38 57.0	85	108	
351	7½	13 32.03	35 8 59.3	101	30	
352	8	13 35.11	67 46 10.5	71	11	
353	8½	13 37.96	43 57 2.8	104	21	
354	9	13 38.21	40 39 34.5	85	109	
355	9½	13 41.14	79 2 31.4	482	73	
356	8	13 42.74	47 17 10.8	16	43	
357	8	13 42.76	44 16 44.3	104	22	
358	9	13 46.08	48 48 48.4	9	21	
359	9	13 47.73	29 31 7.3	487	81	
	9	47.91	7.0	90	83	
360	8	13 51.06	28 53 23.2	90	84	
	8	51.07	22.3	487	80	
	8½	51.09	21.7	97	37	
361	9½	13 54.58	65 17 18.1	65	21	
362	8	13 54.84	40 1 18.3	85	110	
363	9	13 55.90	34 22 40.6	49	68	
364	8	13 56.47	54 30 27.5	98	30	
	8½	56.71	25.5	12	48	
365	9	13 57.66	39 50 47.2	85	111	
366	9½	14 6.03	24 50 8.1	54	89	
	9	6.06	8.9	58	46	
367	9	14 6.59	32 2 26.6	494	35	
	9	6.60	31.2	77	121	
	9	6.69	27.7	491	59	
368	9½	14 8.78	32 6 53.3	491	58	
369	8½	14 8.79	48 57 7.3	9	20	
	9	8.93	8.3	16	45	
370	7	14 10.29	47 56 55.4	16	44	
371	7¼	14 10.83	54 17 41.7	12	47	
372	8	14 21.67	67 19 59.6	87	12	
373	9½	14 28.90	50 40 14.6	83	110	
374	7½	14 29.22	29 38 35.7	487	82	
	8	29.39	35.3	90	85	
375	8½	1 14 32.21	30 15 22.1	487	83	
	8½	32.31	22.1	491	61	
	8	32.36	24.5	90	86	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
376	10	1 14 32.42	73 56 17.3	495	12	
377	7½	14 32.80	36 53 55.9	30	39	
	7	32.85	56.4	101	31	
378	9½	14 33.55	46 6 55.6	38	62	
379	9½	14 34.29	34 49 16.9	49	69	
380	9½	14 36.51	27 24 10.8	97	38	
	9½	36.61	9.6	483	86	
381	9	14 37.81	39 46 2.4	85	112	
382	10	14 39.60	50 27 46.0	83	109	
383	8½	14 40.83	57 16 23.2	60	7	
384	8½	14 41.57	30 27 52.2	90	87	
	9	41.81	51.7	491	60	
385	9	14 47.30	34 3 34.1	494	36	
386	8½	14 48.46	25 45 30.9	54	90	
	8	48.50	32.1	489	74	
	7½	48.57	31.3	483	85	
387	9	14 49.76	74 48 39.6	495	11	
388	9	14 55.92	52 27 57.5	83	111	
389	9	14 57.56	52 24 43.7	83	112	
390	8	14 58.58	49 20 3.1	9	22	dpl. III.
391	7	15 1.11	58 0 28.0	60	8	
392	9	15 14.09	67 27 20.3	71	13	
	9	14.15	19.1	87	14	
393	8½	15 15.53	71 46 33.5	495	13	
394	8	15 16.18	50 13 12.1	9	23	
395	8½	15 21.04	39 10 58.2	85	113	
	8	21.10	59.0	30	40	
396	10	15 21.84	60 57 39.2	62	66	
397	8	15 22.18	36 15 46.9	101	32	
398	7½	15 25.64	60 43 50.5	62	65	
399	6½	15 28.97	57 59 53.0	60	9	
400	8½	15 30.86	29 26 59.3	487	84	
	8½	31.05	59.8	90	88	
401	9	15 32.53	40 53 18.0	103	30	
402	9	15 36.84	66 51 55.4	71	12	
403	8½	15 40.09	53 7 41.5	12	49	
404	9	15 43.20	36 20 23.5	101	33	
405	9	15 46.37	68 5 1.8	71	14	
406	7½	15 47.25	69 33 32.3	71	16	
	7½	47.26	30.6	87	16	
407	8½	15 47.27	24 47 4.0	54	91	
	8	47.32	3.0	489	75	
	8	47.36	3.4	58	47	
408	9	15 47.47	27 19 18.4	483	89	
409	9	15 48.35	48 11 0.7	16	46	
410	7	15 51.77	33 53 16.4	494	37	
	7	51.80	19.2	49	70	
411	8½	15 52.00	50 17 50.7	9	25	
412	8½	15 54.78	41 37 36.8	103	31	
413	9½	15 56.36	70 12 48.9	87	15	
414	9	15 56.71	46 24 39.2	38	64	
415	9½	15 57.49	42 47 29.7	104	23	
416	7½	16 0.66	55 36 47.9	98	31	
417	6½	16 0.99	50 23 48.4	9	24	
418	7	16 3.43	45 47 43.1	38	63	
419	8	16 7.81	27 53 21.4	487	85	
	9	7.83	18.3	97	39	
	8½	7.96	18.5	483	87	
420	9	16 11.68	72 27 34.4	495	14	
421	9	16 13.14	27 32 22.1	483	88	
	9	13.19	24.9	97	40	
422	9½	16 15.52	72 29 47.2	495	15	
423	8½	16 18.83	68 43 29.1	87	17	
	8½	18.86	31.2	71	15	
424	7	16 28.21	37 42 23.2	30	41	
425	8½	16 30.64	32 4 34.7	494	38	
	8½	30.65	35.2	491	62	
	8	30.68	35.[illegible]	77	122	
426	8½	1 16 33.38	52 43 5[illegible].7	83	113	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
427	9	1 16 37.18	63 38 14.5	62	67	
	9	37.40	14.6	65	22	
428	9	16 38.29	32 57 14.9	77	123	
429	9½	16 38.48	41 7 42.2	85	114	
	9½	38.89	42.7	103	32	
430	9	16 40.20	55 6 48.2	12	50	
431	8	16 40.61	77 41 16.2	482	76	
432	10	16 44.05	50 18 54.7	9	26	
433	9	16 46.24	46 52 34.0	38	65	
434	8	16 47.00	76 48 18.7	482	75	
435	8½	16 51.46	52 51 9.0	12	51	
	9	51.60	7.4	83	114	
436	9	16 52.10	29 10 2.5	97	41	
	8½	52.18	4.7	487	86	
	8½	52.21	1.8	90	89	
437	6½	16 53.—	44 15 28.4	104	25	
438	7½	16 55.41	73 24 17.6	495	17	
439	9	16 57.32	31 16 52.5	491	63	
440	8½	16 59.21	52 53 4.5	12	52	
	9	59.33	4.3	83	115	
441	9	16 59.72	66 45 36.0	65	23	
442	7	17 1.18	37 15 0.5	101	34	
443	9	17 1.61	47 56 49.6	16	47	
444	7½	17 22.23	59 46 47.9	60	10	
445	8	17 23.07	57 23 2.8	98	32	
446	7½	17 23.13	38 21 20.9	30	42	
447	9½	17 27.18	27 51 54.8	487	87	
448	9	17 27.54	34 11 19.9	49	71	
	9	27.73	19.0	494	39	
449	7½	17 28.71	31 54 43.2	77	124	
	8	28.76	42.4	494	42	
	8	28.86	42.6	491	65	
450	7	17 31.12	34 12 6.2	49	72	
	6½	31.17	4.1	494	40	
451	9½	17 31.48	34 8 9.5	49	73	
	9	31.56	8.4	494	41	
452	9	17 34.02	67 5 56.0	65	25	
	9	34.30	57.5	87	19	
453	6½	17 37.18	25 0 22.9	54	92	dpl. I.
	7	37.31	21.7	489	76	
	6½	37.36	23.1	58	48	
454	7	17 37.73	67 2 17.5	87	18	
	7	37.82	18.3	65	24	
455	6	17 41.95	31 35 50.6	491	64	
456	8	17 42.43	61 59 2.5	62	68	
457	8½	17 43.85	43 48 7.2	104	24	
458	9½	17 44.88	37 12 29.9	101	35	
459	9½	17 46.06	43 4 3.9	103	33	
460	9	17 46.45	26 50 40.1	54	93	
	9	46.73	39.5	97	42	
461	8	17 47.52	61 39 27.1	62	70	
462	8	17 49.21	24 42 41.5	489	77	
	8	49.38	41.1	58	49	
463	8½	17 53.16	55 43 26.2	98	33	
464	9½	17 55.93	52 18 43.2	83	116	
465	9	18 1.57	73 41 17.3	495	18	
466	9	18 2.23	72 25 32.8	495	16	
467	8½	18 2.43	54 50 17.5	98	34	
468	7½	18 4.00	41 55 14.0	103	34	
469	7	18 7.64	41 36 20.6	103	35	
470	10	18 7.97	79 43 51.1	482	77	
471	9½	18 9.42	73 37 49.0	495	19	
472	7½	18 11.74	70 22 23.7	71	17	
473	9½	18 11.76	61 31 38.6	62	69	
474	7	18 22.86	32 27 42.7	77	125	
	7	22.92	42.9	494	43	
475	9½	18 26.96	74 19 13.3	495	21	
476	9	18 27.18	44 7 47.4	104	26	
477	8½	1 18 27.50	58 7 58.0	60	11	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
478	8¼	1 18 27.91	54 37 16.1	12	53	
	8	27.99	17.0	98	35	
479	8	18 31.81	29 9 6.1	90	90	
	8	31.84	5.0	97	43	
	8	31.91	6.4	487	88	
480	9½	18 32.93	74 16 28.9	495	20	
481	9	18 35.69	25 58 20.2	489	78	
	9	35.70	19.6	483	90	
	9	35.98	19.7	483	91	
482	10	18 41.78	32 6 6.2	491	66	
483	9	18 43.77	39 34 8.4	85	115	
484	8½	18 49.94	32 12 7.7	77	126	
	8½	50.03	6.9	494	44	
	9	50.08	4.4	491	67	
485	9	18 53.23	28 28 51.6	97	44	
486	9½	18 53.99	26 54 45.8	54	94	
487	8	18 54.64	69 44 6.5	71	18	
488	8½	18 54.78	57 15 24.7	98	37	
	8½	54.89	26.6	60	12	
489	6½	18 55.33	34 47 37.5	49	74	
	6½	55.33	35.6	101	36	
490	9	19 1.65	54 45 25.1	98	36	
491	9	19 2.78	43 4 37.2	103	37	
492	6	19 8.96	42 8 34.7	103	36	
493	8	19 10.23	46 22 24.4	38	66	
494	9½	19 14.41	31 19 7.1	491	68	
495	6½	19 15.99	45 10 47.5	104	27	
	6	16.10	46.7	38	67	
496	8	19 17.70	61 16 54.0	62	71	
497	9½	19 18.96	34 51 16.0	101	37	
498	9	19 20.47	40 34 23.8	85	118	
499	9	19 21.52	24 13 10.9	489	79	
500	9½	19 27.72	67 29 32.9	71	20	
	9½	27.76	34.4	87	22	
501	8½	19 27.87	68 38 5.7	87	20	
502	8½	19 28.63	67 31 18.8	71	19	
	8½	28.78	19.2	87	21	
503	9	19 29.05	40 18 56.8	85	117	
504	8	19 31.17	40 1 39.0	85	116	
505	8½	19 33.30	25 22 1.7	54	95	
	8½	33.43	1.0	489	80	
506	8½	19 35.97	29 25 59.1	90	91	
	8	36.10	61.5	487	89	
507	9	19 36.44	27 6 31.5	97	45	
	9	36.48	33.4	483	92	
508	9½	19 38.65	54 36 36.9	12	54	
509	9	19 39.65	46 15 47.3	38	68	
510	9	19 45.65	63 5 56.1	62	72	
511	8½	19 48.51	57 59 34.6	60	13	
512	8½	19 49.04	51 46 11.7	83	117	
513	8	19 51.15	46 34 38.9	38	69	
514	9	19 51.89	46 35 33.1	38	70	
515	10	19 57.21	74 14 10.4	495	22	
516	8½	20 0.74	38 50 0.1	30	43	
517	8	20 5.92	23 26 57.8	58	50	
518	8½	20 11.31	51 55 37.1	83	118	
519	9	20 11.74	57 22 40.9	98	38	
520	9	20 25.23	54 11 46.7	12	55	
521	9	20 30.77	48 26 5.9	16	48	
522	9	20 32.19	25 10 20.7	54	96	
	9	32.28	19.8	489	81	
523	9	20 34.33	37 9 26.0	101	38	
524	9	20 35.79	57 16 40.2	60	14	
	9½	35.84	37.3	98	39	
525	9	20 36.00	39 7 14.4	85	119	
	8½	36.20	14.9	30	44	
526	7	20 36.17	60 8 55.4	60	17	dpl. IV. s.
527	8	1 20 38.04	46 32 37.3	38	71	
	8	38.—	37.8	16	49	
528	9	1 20 39.13	71 19 39.0	495	23	
529	9	20 39.95	34 33 40.6	49	75	
530	8	20 40.00	30 55 34.2	90	92	
	7½	40.02	33.8	77	127	
	7½	40.11	33.0	491	69	
531	8½	20 41.04	57 47 31.4	60	15	
532	9	20 43.15	33 12 4.4	77	128	
533	9	20 43.25	72 10 8.4	495	25	
534	8	20 44.33	72 58 33.2	495	26	
535	6	20 46.06	65 1 12.4	65	26	
536	9	20 51.05	66 47 40.4	71	21	
	9	51.23	38.9	65	28	
537	8½	20 59.08	30 7 6.0	487	90	
	8	59.13	5.5	90	93	
538	9	21 0.65	49 28 34.2	9	27	
539	8½	21 0.94	59 59 7.1	60	16	
540	9½	21 4.48	23 57 18.8	489	82	
541	9½	21 8.90	37 1 55.9	30	45	
	8	8.96	55.4	101	39	
542	8½	21 10.87	77 15 47.3	482	78	
543	7½	21 11.09	41 7 56.7	85	120	
	7½	11.14	60.0	110	1	
544	6	21 12.69	33 11 30.0	49	76	red
	6	12.77	26.5	77	129	
	6	12.85	29.5	494	45	
545	7	21 16.41	30 53 3.2	90	94	dpl. n. pr.
	7	16.51	3.3	491	70	
	7	16.53	6.4	77	130	
546	9½	21 19.39	50 22 15.0	83	119	
547	8½	21 21.57	30 23 4.9	90	95	
548	6½	21 24.15	22 59 3.8	58	51	
549	8½	21 27.09	66 12 58.3	65	27	
550	6½	21 27.79	42 23 46.0	103	38	
551	9	21 33.08	26 34 50.6	483	93	
552	8½	21 38.57	49 54 37.8	9	28	
553	9	21 40.28	25 58 52.4	489	84	
	9	40.36	53.5	54	97	
	8½	40.46	51.6	483	94	
554	9	21 41.26	24 39 54.2	58	52	
	9	41.36	52.2	489	83	
555	8½	21 41.78	68 3 57.6	87	23	
556	10	21 41.93	60 34 6.2	62	73	
557	8½	21 42.40	41 53 52.4	103	39	
558	8	21 48.92	52 10 7.7	83	120	
559	9	21 54.05	70 46 44.3	87	25	
560	8½	21 55.27	52 37 2.1	83	121	
561	8	21 57.91	29 32 38.1	487	91	
	8	57.95	37.6	90	96	
562	9½	22 2.05	41 6 13.2	103	40	
563	8½	22 3.99	22 59 0.3	58	53	
564	9½	22 4.52	33 10 27.3	494	46	
565	9½	22 6.62	44 34 45.8	104	28	
566	8	22 6.67	55 43 47.0	98	40	
567	8	22 6.82	39 47 24.6	85	121	
	8	7.01	26.3	110	2	
568	7	22 8.08	46 29 44.5	38	72	
569	7½	22 8.53	27 45 38.0	487	93	dpl. I. s.
	7½	8.60	36.0	483	95	
	7	8.61	36.6	97	46	
570	8½	22 9.79	56 20 6.8	98	41	
571	8	22 12.19	38 19 3.3	30	46	
572	8½	22 12.40	68 29 25.2	87	24	
573	7½	22 14.34	46 47 59.9	38	73	
574	7½	22 14.90	28 42 6.4	487	92	
	8	14.91	6.2	97	47	
575	8½	22 18.61	57 4 44.8	98	42	
576	8½	22 23.—	49 9 9.7	16	50	
577	9½	22 24.99	48 53 3.3	38	74	
578	9½	1 22 25.68	71 52 36.7	495	24	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
579	8½	1 22 32.25	24 6 40.5	489	85
580	9½	22 32.71	63 36 53.4	62	74
581	7½	22 34.69	32 8 39.2	77	131
	7½	34.70	39.8	491	71
582	9	22 36.27	67 50 14.6	71	22
583	9½	22 39.60	79 51 41.0	482	79
584	8	22 41.20	36 43 30.6	101	40
585	9	22 42.72	33 39 48.2	49	77
586	9½	22 46.93	65 13 41.7	65	29
587	9	22 49.36	26 24 15.7	483	96
588	9	22 49.65	24 59 15.9	54	98
	8½	49.79	15.0	58	55
	9	49.86	15.0	489	88
589	7	22 52.27	25 26 43.9	54	99
590	8½	22 55.03	30 32 25.6	90	97
	9	55.10	25.2	491	72
591	8	22 55.72	24 28 20.1	58	54
	8½	55.72	19.6	489	87
592	9	22 55.96	59 55 8.9	60	18
593	3	22 56.27	43 57 32.2	104	29
594	9	22 56.91	31 3 20.2	77	132
	9	56.93	21.4	90	98
	9½	57.12	19.7	491	73
595	9	22 57.06	24 2 23.3	489	86
596	7½	22 57.87	38 36 25.3	30	47
597	6½	23 1.09	34 24 37.0	49	78
598	7	23 5.46	49 39 14.4	9	29
599	8½	23 8.53	32 41 10.2	494	47
	8½	8.54	8.8	107	1
	8½	8.59	9.7	77	133
600	7½	23 11.88	37 28 51.2	30	48
601	8	23 15.94	43 57 10.3	104	30
602	9	23 18.26	33 59 50.0	49	80
603	8½	23 26.52	41 17 42.2	110	3
	8½	26.55	42.2	85	122
	9½	26.86	39.8	103	41
604	9	23 28.50	73 23 53.6	495	27
605	8½	23 28.60	49 25 51.6	9	30
606	10	23 31.28	25 47 56.8	54	100
607	8½	23 42.15	36 2 45.9	101	41
608	8½	23 42.92	33 58 1.4	49	79
	8½	42.93	2.5	494	49
609	7½	23 45.24	41 29 53.2	111	1
	8½	45.64	54.1	103	42
	8	45.76	54.2	499	2
610	8½	23 45.88	32 40 16.9	77	134
	8½	46.04	15.6	494	48
	8½	46.07	13.9	107	2
611	6½	23 48.21	26 15 53.4	483	97
612	8½	23 52.64	30 41 31.8	90	99
	8½	52.67	31.7	491	74
613	8½	23 54.54	60 10 38.3	60	19
614	8	24 0.57	23 10 7.1	58	56
615	8	24 1.09	43 48 1.6	104	31
616	9½	24 3.90	35 4 37.0	101	42
617	9½	24 6.82	61 36 18.0	62	75
618	8½	24 9.15	27 37 3.3	97	48
619	9	24 11.77	45 27 20.8	38	75
620	8½	24 14.28	41 29 39.4	499	3
	9½	14.51	39.0	103	43
621	9½	24 14.89	33 41 46.5	494	50
622	9½	24 16.32	25 58 7.5	54	101
	9½	16.52	9.4	483	100
	9	16.53	5.5	489	89
623	8	24 20.00	41 50 7.6	111	2
	8	20.15	5.6	499	1
	9	20.39	6.5	103	44
624	8	24 22.02	52 8 18.3	83	122
625	7½	1 24 23.67	72 21 13.4	495	29
626	7½	1 24 23.96	29 30 39.4	487	94
	8	23.97	40.7	90	100
627	8	24 24.61	37 4 15.3	101	43
628	9	24 26.89	49 27 11.6	9	31
629	9½	24 27.64	39 31 13.5	85	123
630	9½	24 27.86	53 7 48.4	83	125
	8½	28.17	48.2	12	56
631	6	24 29.08	26 51 13.1	54	103
	6½	29.27	13.2	97	49
	6	29.27	13.2	483	98
632	7½	24 29.28	53 0 43.4	83	124
	6¾	29.49	44.5	12	57
633	9	24 29.55	61 43 47.5	62	76
634	8½	24 31.33	56 14 0.2	98	44
635	9	24 34.31	43 29 39.3	104	32
636	8½	24 34.42	53 8 37.5	12	58
	9½	34.61	38.4	83	126
637	8½	24 34.51	23 53 19.8	58	57
	8½	34.70	20.3	489	91
638	9½	24 36.39	26 2 5.8	54	102
	9½	36.42	4.8	483	99
	9	36.45	3.6	489	90
639	9½	24 36.45	29 54 45.9	90	101
640	9	24 36.68	52 25 55.6	83	123
641	9	24 37.09	49 26 9.6	9	32
642	9	24 41.64	48 59 55.8	9	33
643	9	24 48.26	36 56 18.1	101	44
644	9	24 53.57	41 18 26.2	110	4
	9	53.70	26.4	499	4
	9½	53.95	25.3	103	45
645	9	24 54.53	73 55 1.2	495	28
646	9	24 54.55	54 48 8.7	98	43
647	7½	24 54.94	68 49 13.6	71	24
	8	55.05	15.6	87	27
648	8½	24 58.28	70 46 33.6	71	23
	8½	58.76	32.5	87	26
649	9½	24 59.45	26 55 30.0	97	50
650	9	25 2.54	23 10 10.0	58	58
651	9½	25 4.84	43 21 6.3	104	33
652	8	25 5.24	32 6 5.0	107	3
	8½	5.36	8.3	77	135
	9	5.55	7.3	494	51
	9	5.61	6.2	491	75
653	9½	25 5.97	28 33 18.9	487	95
654	8½	25 8.67	61 52 4.7	62	77
655	8	25 9.20	38 26 9.6	30	49
656	9	25 11.89	36 19 33.0	101	45
657	8	25 12.71	68 7 55.0	71	26
	8	13.03	55.6	87	28
658	9½	25 15.56	34 48 42.2	49	81
	9½	15.57	43.3	101	47
659	8	25 16.57	75 41 28.0	482	80
660	5¾	25 17.33	53 8 20.0	12	59
661	9	25 17.55	25 14 50.0	54	104
	9	17.76	48.5	489	92
662	9½	25 20.33	72 35 18.5	495	30
663	9½	25 21.23	68 4 46.0	71	25
664	8	25 23.26	31 56 47.0	107	4
	8	23.28	48.8	494	52
	8½	23.35	49.8	491	76
	8	23.39	49.1	77	136
665	9	25 23.56	60 9 12.9	60	20
666	9½	25 25.15	64 33 7.6	65	30
	9½	25.22	9.6	65	32
667	8½	25 25.52	28 44 41.0	487	96
668	7½	25 26.80	61 3 21.4	62	79
669	10	25 32.12	64 29 4.3	65	31
670	9½	25 33.04	39 25 56.8	85	124
671	7	1 25 41.77	30 37 50.5	90	102
	7	41.94	49.5	491	77

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
672	8	1 25 43.19	39 4 25.9	85	125	
	8	43.37	27.1	30	50	
	7½	43.45	27.5	110	5	
673	9½	25 51.78	47 2 10.6	38	76	
674	9	25 52.65	26 10 4.6	489	93	
675	10	25 53.56	28 45 55.8	487	97	
676	9	25 54.52	34 47 40.1	49	82	
	9	54.62	43.0	101	46	
677	8½	25 54.81	51 51 27.0	83	127	
678	6	25 56.49	30 55 32.2	491	78	
	6	56.54	30.2	90	103	
679	9½	26 1.29	62 0 10.8	62	78	
680	4	26 2.80	49 43 22.7	9	34	
681	7½	26 2.83	28 20 47.1	483	101	
	7½	2.89	52.1	97	51	
682	9½	26 6.26	30 48 18.1	491	79	
683	8	26 8.81	44 29 25.6	104	34	
684	8	26 8.93	60 18 13.0	60	21	
685	8	26 9.30	45 17 56.8	38	78	
686	7½	26 11.35	24 17 21.9	489	94	
	7	11.45	20.8	58	59	
687	9	26 16.13	34 3 33.8	494	53	
688	8½	26 18.19	35 8 36.3	101	48	
689	6	26 20.23	46 13 11.3	38	77	
690	9	26 21.75	27 27 5.9	97	52	
	9	21.75	7.7	483	102	
691	9½	26 24.01	35 7 53.4	101	49	
692	9	26 26.04	31 32 6.7	107	5	
693	8	26 27.57	27 11 35.6	483	103	
	8	27.58	33.5	97	53	
694	8	26 28.40	65 45 45.0	65	34	
695	9	26 28.87	27 11 30.6	483	104	
	9	28.95	29.2	97	54	
696	10	26 33.97	27 10 10.6	54	105	
	9½	34.07	10.5	97	55	
	9½	34.10	10.5	483	105	
697	9	26 36.06	63 17 52.6	62	81	
698	7¼	26 36.20	54 0 51.0	12	60	
699	7½	26 36.22	56 36 40.0	98	45	
700	9½	26 38.02	51 53 29.6	83	128	s. pr.
701	8	26 40.31	39 44 29.8	110	6	
702	8½	26 41.89	30 22 7.9	90	104	
	8½	42.00	5.7	491	80	
703	8½	26 45.76	23 3 23.1	58	60	
704	9	26 47.38	59 46 12.3	60	23	
705	9	26 49.12	37 55 42.1	30	51	
706	9½	26 52.04	35 39 40.3	101	50	
707	8	26 53.85	42 8 58.2	111	3	
	8	53.96	56.5	499	5	
	8½	54.17	57.0	103	46	
708	7½	26 56.10	60 14 12.7	60	22	
709	7½	26 57.82	79 41 12.0	497	1	
	8	58.18	12.8	482	81	
710	7	27 4.14	65 45 57.6	65	35	
711	8½	27 5.91	67 8 27.8	87	30	
	8	5.98	28.7	71	27	
712	9	27 7.47	40 26 36.3	110	7	
713	7½	27 11.03	61 53 35.0	62	80	
714	9½	27 13.36	45 26 13.1	38	80	
715	8½	27 16.68	29 44 2.5	90	106	
	8½	16.71	2.7	487	98	
716	10	27 18.02	41 53 50.5	499	7	s. pr.
717	7	27 18.19	24 48 55.4	54	107	
	7½	18.20	53.0	489	95	
	7	18.23	54.7	58	61	
718	8½	27 19.57	41 53 48.5	499	6	n. sq.
	8½	19.74	47.2	111	4	
	9	19.83	46.9	103	47	
719	6	1 27 20.59	37 30 27.0	30	52	
720	8½	1 27 22.35	26 18 31.0	54	106	
	8	22.40	32.3	483	106	
721	8	27 22.64	50 10 7.2	9	35	
722	8½	27 23.97	45 22 54.1	38	79	
723	8½	27 25.38	73 49 1.5	495	33	
724	9½	27 27.12	66 26 52.9	65	36	
725	8½	27 28.26	65 15 12.8	65	33	
726	6	27 28.96	50 22 2.9	9	36	
	7	28.97	1.9	83	130	
727	9	27 29.57	44 40 14.2	104	35	
728	9½	27 32.95	56 41 22.4	98	46	
729	9½	27 34.14	37 3 10.7	101	51	
730	9½	27 35.68	41 36 49.4	499	8	
	10	36.00	49.4	103	48	
731	8½	27 38.10	30 34 44.9	90	105	
	8	38.18	43.6	491	81	
732	9	27 41.14	31 44 24.0	107	6	
733	8½	27 42.35	37 57 39.7	30	53	
734	9½	27 42.82	71 15 29.4	495	31	
735	8½	27 44.54	38 53 9.8	30	54	
736	9	27 50.91	36 39 19.4	101	52	
737	9	27 51.61	53 15 42.4	12	61	
738	8	27 55.81	44 47 29.8	104	36	
739	8½	27 58.55	50 45 41.2	83	131	
	8	58.66	42.0	9	37	
	8½	58.93	43.2	83	129	
740	7½	28 2.78	44 32 43.8	104	37	
741	8½	28 3.37	47 57 18.1	16	51	
742	8½	28 6.61	70 38 9.1	87	29	
	8½	6.71	10.0	71	28	
743	8½	28 9.75	23 25 9.5	58	62	
744	8½	28 10.61	40 33 8.9	110	8	
745	9	28 12.34	63 29 17.0	62	82	
746	9	28 14.38	75 52 38.0	482	83	
747	9½	28 16.16	45 25 20.0	38	81	
748	9½	28 16.33	29 56 36.9	491	82	
749	7½	28 17.15	29 25 32.4	487	99	
	8	17.26	30.0	90	107	
750	8½	28 23.33	33 12 2.3	107	7	
	9	23.34	3.4	49	83	
	9	23.43	4.4	494	54	
751	9½	28 24.67	58 21 28.6	60	24	
752	8½	28 25.10	30 35 51.9	491	84	
753	8	28 27.90	28 0 17.3	97	56	
	7½	28.04	15.9	483	107	
	7½	28.06	18.6	487	101	
754	9½	28 29.92	74 53 11.3	495	32	
755	8	28 31.98	44 59 23.8	104	39	
756	7	28 34.74	28 52 37.8	97	57	
	7	34.78	37.8	487	100	
	7	34.81	37.6	90	108	
757	9	28 35.35	42 4 31.6	499	9	
758	9	28 36.15	34 57 53.6	49	84	
	9	36.21	53.8	101	53	
759	9½	28 36.73	30 1 36.6	491	83	
760	8½	28 37.27	51 2 37.3	83	132	
761	8	28 40.08	45 2 17.6	104	40	
762	8	28 46.00	29 16 44.2	90	109	
763	8	28 46.07	58 13 5.0	60	25	
764	9	28 46.70	44 34 12.1	104	38	
765	8½	28 52.23	40 32 34.5	110	9	
766	6½	28 55.99	24 20 27.3	489	96	
	7	56.04	27.6	58	63	
767	9	29 1.78	69 0 32.6	71	30	
768	9	29 2.36	41 28 20.5	499	10	
	8½	2.43	21.2	111	5	
	9½	2.61	21.0	103	49	
769	7	29 2.67	46 20 6.4	38	82	
770	9	1 29 4.74	75 15 16.2	482	82	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
771	8	1 29 6.49	35 59 6.6	101	54	
772	9½	29 7.42	24 6 10.2	58	65	
773	6½	29 8.43	32 31 51.3	107	8	
	6½	8.49	54.4	494	55	
774	8½	29 12.71	24 5 24.5	58	64	
	8½	12.74	23.0	489	97	
775	8	29 13.58	30 33 18.6	90	110	
	7½	13.70	15.5	491	85	
776	8½	29 17.50	30 31 2.2	90	111	
	9	17.58	2.9	491	86	
777	8	29 22.50	32 2 12.0	494	56	
	8	22.54	11.8	491	87	
778	8½	29 23.23	58 58 28.0	60	26	
779	9½	29 29.44	51 45 39.7	83	133	
780	8	29 29.98	77 18 18.2	497	3	
781	8½	29 30.15	59 57 11.4	60	27	
782	6½	29 30.21	57 38 29.9	98	47	
783	9½	29 40.11	74 56 40.2	495	35	
784	8	29 40.34	50 26 36.1	9	38	
785	9	29 40.82	25 8 37.3	54	108	
	9	40.96	37.6	489	98	
786	9	29 40.90	61 52 32.3	62	84	
787	7	29 42.92	63 7 2.1	62	83	
788	9	29 48.37	32 49 30.8	107	9	
789	9	29 53.83	67 49 2.7	71	29	
790	9	29 53.93	54 36 55.2	98	48	
791	9½	30 1.26	28 13 35.7	97	58	
792	8½	30 6.47	42 57 54.3	111	6	
	9	6.72	52.9	499	11	
	9½	6.92	52.8	103	50	
793	7½	30 9.69	40 28 41.9	110	10	
794	9	30 10.70	77 33 20.9	482	86	
795	8½	30 17.99	39 11 53.2	30	55	
796	9½	30 18.50	70 46 31.4	87	31	
797	9½	30 18.86	26 33 41.1	54	109	
	9	18.87	41.0	483	108	
798	8	30 18.95	71 30 29.2	495	34	
799	9½	30 19.75	23 7 18.7	58	67	
800	9½	30 20.76	52 33 14.3	83	134	
801	8½	30 21.14	23 4 27.5	58	66	
802	6	30 21.79	30 32 53.2	90	112	dpl. pr.
	6	21.82	51.9	491	88	
803	8½	30 22.24	36 38 40.4	101	55	
804	6½	30 22.73	40 35 6.8	110	11	
805	8	30 24.23	30 1 54.6	487	102	
806	7½	30 24.42	37 5 33.8	101	56	
807	8	30 28.34	43 38 12.8	104	41	
808	9	30 29.76	69 40 26.3	87	32	
809	8	30 31.30	79 36 10.4	497	2	
810	6	30 33.59	58 46 42.2	60	28	
811	8½	30 35.08	37 56 10.4	30	56	} dpl.
812	9½	30 37.29	37 55 54.4	30	57	
813	9	30 37.35	31 1 8.1	491	89	
814	8	30 39.77	78 42 36.0	482	84	
	7½	40.02	36.0	497	4	
815	8½	30 40.42	34 1 22.1	49	85	
	8½	40.47	20.4	494	57	
816	9	30 45.61	69 34 25.0	87	33	
817	7¾	30 47.11	53 50 24.0	12	62	
818	8	30 49.17	23 4 51.9	58	69	
	8	49.26	52.8	58	68	
819	8	30 50.33	65 56 15.9	65	37	
820	7	30 52.13	55 53 1.7	98	49	
821	8	30 58.00	41 56 45.6	111	7	
	8½	58.11	45.7	499	12	
822	9½	30 59.04	30 33 22.4	90	113	
823	9½	31 4.41	55 44 15.0	98	50	
824	9½	1 31 6.95	26 49 49.1	54	110	
	9	7.09	47.7	97	59	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
825	7	1 31 7.24	32 56 6.2	107	10	
	7	7.33	7.1	494	58	
826	9	31 7.95	26 16 22.5	483	109	
827	8½	31 12.52	39 49 53.4	110	12	
828	8½	31 16.89	25 39 14.9	54	111	
	8	17.03	12.1	489	99	
829	8	31 18.48	40 47 10.4	110	13	
	7½	18.70	10.9	111	10	
830	8	31 19.80	30 1 43.4	487	103	
	8	19.82	43.4	90	114	
	8½	19.87	42.7	491	90	
831	8	31 20.67	61 36 21.1	62	85	
832	7½	31 22.83	67 46 31.8	71	31	
	8½	22.95	29.8	87	34	
833	9	31 24.26	45 26 37.9	38	83	
834	10	31 26.31	30 5 56.8	487	104	
835	9½	31 30.85	34 8 40.3	49	86	
836	9½	31 31.86	66 0 15.9	65	39	
837	9	31 32.22	58 9 24.7	60	29	
838	9	31 40.60	41 1 26.5	111	8	
839	8½	31 41.46	59 34 0.3	60	31	
840	9	31 41.48	43 1 33.6	104	42	
	8½	41.80	32.5	499	13	
841	7	31 41.70	49 26 34.0	9	39	
842	8½	31 41.75	65 55 47.9	65	38	
843	9	31 42.61	40 19 31.9	110	15	
844	8½	31 49.54	26 12 14.5	483	110	
845	7½	31 51.75	40 48 52.9	110	14	
	7½	51.77	51.2	111	9	
	7	51.97	53.6	499	14	
846	9	31 56.30	24 39 58.7	489	100	
847	9½	31 59.15	40 17 0.0	110	16	
848	7½	32 0.85	38 46 24.4	30	58	
849	9½	32 6.05	29 25 25.6	90	115	
850	9	32 7.24	23 3 43.9	58	70	
851	6½	32 9.74	58 54 31.6	60	30	
852	8½	32 9.89	27 51 31.4	97	60	
	8½	9.92	31.6	483	111	
	8½	9.94	31.9	503	1	
	8½	9.95	33.4	487	105	
853	9½	32 11.89	49 43 2.1	9	40	
854	9½	32 12.77	56 42 23.4	98	51	
855	9	32 14.32	67 21 49.5	71	32	
856	8½	32 14.71	32 42 21.7	107	11	
	9	14.75	22.1	494	59	
857	8½	32 18.73	75 18 49.0	497	5	
858	8½	32 21.18	47 44 53.5	16	52	
859	9	32 22.80	52 4 35.8	83	135	
860	9	32 27.67	56 54 26.6	98	52	
861	9½	32 32.73	24 40 37.5	58	71	
862	8	32 35.80	47 48 53.6	16	53	
863	9	32 36.71	76 20 12.0	482	85	
864	9	32 38.28	29 11 58.7	90	116	
865	9	32 40.96	68 53 20.3	71	34	
866	8	32 42.35	35 51 1.7	101	57	
867	9½	32 44.71	27 59 33.3	487	106	
	9½	44.76	33.4	97	61	
868	7	32 49.90	46 43 14.8	38	84	
869	8½	32 51.53	32 53 5.7	107	13	
	9	51.59	5.7	494	61	
	9½	51.60	4.8	49	87	
870	9	32 53.45	62 34 27.2	62	86	
871	9	32 54.03	75 33 42.7	497	6	
872	6½	32 54.18	37 9 38.2	30	59	
	6½	54.31	36.6	101	58	
873	9½	32 56.32	43 11 15.6	104	43	
	9½	56.58	13.4	499	15	
874	9	32 57.30	52 28 4.7	83	136	
875	7½	1 32 57.44	32 48 17.6	494	60	
	7½	57.45	18.1	107	12	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
876	9	1 32 57.63	40 14 22.7	110	17	
877	6½	32 57.79	25 39 30.5	54	112	
	7	57.83	29.4	489	101	
878	9	33 0.41	73 22 38.7	495	36	
879	1	33 3.22	57 52 20.2	60	33	α Eridani.
880	9	33 6.48	27 53 16.0	97	62	
	9	6.60	16.3	503	2	
	9	6.72	16.4	487	107	
881	7	33 10.82	43 33 47.6	104	44	
882	9	33 12.18	25 46 35.5	489	102	
	9	12.24	37.1	483	112	
	9	12.35	38.6	54	113	
883	9	33 13.98	73 28 13.9	495	37	
884	8	33 14.69	23 45 34.1	58	72	
885	9	33 23.16	34 5 60.5	49	88	
	9	23.22	59.6	494	62	
886	9	33 23.90	41 7 20.8	499	16	
887	8	33 26.05	45 13 53.5	38	85	
888	8½	33 29.16	67 43 4.7	71	33	
	9	29.17	4.7	87	35	
889	8	33 30.27	29 39 29.1	90	117	
	7	30.41	29.2	487	108	
890	8	33 31.09	61 8 53.3	62	87	
891	9	33 41.78	40 4 4.0	110	18	
892	6½	33 43.23	34 11 59.4	49	89	
	6½	43.23	58.4	494	64	
893	8½	33 44.40	46 24 35.8	38	86	
894	9½	33 48.81	34 9 13.0	49	90	
	9½	48.83	11.7	494	65	
895	9½	33 51.78	51 46 8.2	83	137	
896	7¾	33 57.54	54 4 21.8	12	63	dpl. II. n.pr.
897	7½	33 59.12	23 32 50.2	58	73	
898	9	33 59.27	48 2 54.4	16	54	
899	9½	34 2.22	34 1 4.2	49	92	
900	7½	34 2.36	49 24 40.8	9	41	
901	9	34 3.29	34 5 59.2	49	91	
	9	3.42	60.1	494	63	
902	9	34 8.78	38 6 25.3	30	60	} dpl.
903	7½	34 10.47	38 6 27.1	30	61	
904	9½	34 16.71	28 59 6.8	90	118	
905	8½	34 18.09	57 27 10.9	98	53	
906	9½	34 18.61	41 7 44.0	110	19	
	9	18.70	43.8	499	17	
907	7½	34 19.92	67 11 30.3	65	40	
	7½	20.14	31.6	71	36	
	7½	20.14	31.4	87	36	
908	10	34 20.41	25 55 38.6	54	114	
	9½	20.45	38.7	503	3	
	9½	20.57	39.4	493	1	
909	9	34 21.98	24 28 46.7	489	103	
	9	22.22	47.4	58	74	
910	8	34 24.98	59 12 55.2	60	32	
911	7	34 26.43	57 3 46.3	98	54	
912	9	34 30.24	42 57 15.8	111	11	
913	8½	34 34.54	68 12 21.2	87	37	
	8	34.69	21.5	71	35	
914	9	34 36.81	48 38 34.2	16	55	
915	7½	34 40.59	35 6 39.8	49	93	
	7½	40.68	39.6	101	59	
916	9	34 41.03	32 9 5.5	494	66	
	8½	41.08	5.1	107	14	
	8½	41.18	5.5	491	91	
917	7½	34 42.95	66 14 28.1	65	41	
918	9	34 47.67	54 13 33.4	12	64	
919	8½	34 54.37	32 20 45.6	107	15	
	8½	54.41	47.6	494	68	
920	8	34 55.52	77 0 30.0	497	8	
921	9	34 57.67	39 25 27.6	110	20	
922	9½	1 34 59.20	28 40 10.9	487	109	
	9½	59.20	7.5	97	64	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
923	9	1 35 1.61	28 54 48.3	90	119	
924	7	35 1.73	49 23 42.2	9	42	
925	6½	35 2.81	56 49 46.6	98	55	s.pr.
926	8½	35 2.89	37 6 42.0	30	62	
	7½	3.05	41.5	101	60	
927	9	35 3.03	68 41 36.6	87	38	
928	6½	35 3.49	56 49 42.6	98	56	n.sq.
929	8½	35 10.18	45 40 11.5	38	87	dpl. II. n.pr.
930	9½	35 10.91	28 33 49.7	97	63	
	9	11.02	49.8	487	110	
931	9½	35 12.19	32 8 14.5	494	67	
	9½	12.28	15.0	491	92	
	9	12.40	16.5	107	16	
932	9	35 16.09	48 32 43.5	16	56	
933	8½	35 18.30	28 38 31.0	97	65	
	9	18.39	33.6	487	111	
934	9	35 19.68	41 46 29.1	499	18	
935	9	35 26.00	58 59 22.1	60	34	
936	8	35 27.28	35 13 28.7	101	61	
937	9½	35 28.91	26 44 20.3	54	115	
	9	29.33	22.9	493	2	
938	7	35 33.95	34 1 53.4	49	94	
939	8½	35 43.22	76 3 52.4	497	7	
940	8½	35 45.52	32 26 10.1	107	17	
	8½	45.65	11.8	494	69	
941	9	35 46.41	44 30 38.0	104	45	
942	8½	35 50.97	65 12 15.1	65	42	
943	7	35 58.05	38 46 3.4	30	63	
944	9	35 59.76	28 35 58.9	487	112	
	9	59.78	59.5	97	66	
945	9½	36 0.71	27 1 17.2	503	4	
946	8½	36 3.16	59 16 51.1	60	35	
947	8	36 5.87	61 37 53.9	62	88	
948	9½	36 10.80	32 47 16.7	494	70	
949	9	36 14.17	41 2 8.7	110	21	
	9	14.24	8.4	111	12	
	8½	14.37	5.5	499	19	
950	9½	36 18.76	46 3 4.3	38	88	
951	8	36 23.68	35 28 6.7	101	62	
952	8½	36 25.49	32 43 21.4	107	19	
	8½	25.55	21.3	494	72	
953	9	36 25.70	24 30 58.0	58	75	
	9	25.96	55.8	489	104	
954	8	36 26.52	68 53 28.2	87	39	
955	5½	36 29.93	32 57 28.4	49	95	
	6	30.02	29.1	494	71	
	5½	30.15	26.3	107	18	
956	9½	36 30.52	73 47 45.0	495	38	
957	6	36 32.20	37 27 48.1	30	64	
958	8	36 36.07	39 46 45.9	110	22	
959	8	36 40.53	41 44 57.1	111	13	
	8½	40.64	57.3	499	20	
960	7½	36 41.75	50 40 11.0	83	138	
	7	41.83	9.4	9	43	
961	9	36 41.93	29 12 36.7	97	67	
	9	42.10	38.4	487	113	
	9	42.13	39.6	90	120	
962	8¼	36 43.19	53 33 48.4	12	65	
963	8	36 47.70	67 51 53.6	71	37	
964	9½	36 56.74	25 19 8.7	54	116	
965	9	37 10.40	68 25 57.2	87	41	
	9	10.57	57.6	71	39	
966	8½	37 11.82	59 14 24.8	60	36	
967	9	37 12.54	49 22 28.8	9	44	
968	9	37 13.39	24 32 55.9	489	105	
969	8½	37 13.99	67 48 58.6	71	38	
970	9	37 15.49	77 8 0.1	497	9	
971	9½	37 15.57	47 18 40.7	16	57	
972	9½	37 15.78	38 38 11.9	30	65	
973	8½	1 37 17.26	70 37 7.2	87	40	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
974	9	1 37 19.82	46 2 27.0	38	89	
975	9	37 20.56	24 22 42.4	489	106	
976	8	37 22.33	42 16 37.7	111	14	
	8	22.45	37.6	499	21	
977	7½	37 27.51	56 29 46.9	98	57	
978	8½	37 28.57	36 26 35.4	101	63	
979	6	37 31.09	61 25 9.4	62	89	
980	9	37 31.22	23 47 55.2	58	77	
	9	31.42	52.7	489	107	
981	8½	37 36.39	68 17 34.8	71	40	
	8½	36.67	34.0	87	42	
982	8½	37 38.37	23 21 51.0	58	76	
983	5¾	37 40.24	54 22 4.1	12	66	
	6	40.30	3.2	98	58	
984	8	37 41.49	76 39 14.5	497	11	
985	8½	37 41.86	24 47 48.8	54	117	
986	9½	37 48.68	66 27 42.5	65	43	
987	9	37 50.69	63 55 35.4	65	44	
988	10	37 53.41	25 53 8.6	503	5	
989	9½	37 56.06	27 38 0.9	97	68	
990	10	37 57.07	50 23 24.5	83	139	
991	8½	38 5.18	39 7 30.0	30	66	
	8	5.25	30.8	110	23	
992	8½	38 5.93	55 19 36.1	98	59	
993	9	38 6.31	30 26 28.1	491	93	
994	8	38 8.97	59 2 33.4	60	37	
995	9	38 15.47	31 21 22.9	491	94	
	8½	15.49	19.1	107	20	
996	9½	38 17.14	34 46 43.6	101	64	
997	9	38 19.32	55 29 7.9	98	60	
998	9	38 20.04	24 55 39.8	54	118	
	9½	20.37	37.7	489	108	
	9	20.38	38.2	58	78	
999	8½	38 28.55	32 23 38.5	494	73	
	7½	28.56	36.3	107	21	
1000	8	38 41.11	32 14 48.0	107	22	
	8½	41.23	51.6	491	95	
1001	9	38 41.25	44 44 22.6	104	46	
1002	10	38 43.77	74 1 50.3	495	39	
1003	9	38 45.00	38 37 40.5	30	67	
1004	9	38 50.98	41 58 38.6	111	15	
	9	51.26	38.7	499	22	
1005	7½	38 51.48	56 51 45.6	98	61	
1006	8½	38 52.41	34 28 7.3	49	96	
1007	8½	38 55.69	61 59 29.5	62	90	
1008	9½	38 55.78	46 14 53.5	38	91	
1009	9	39 1.03	58 18 56.0	60	38	
1010	6½	39 2.20	35 2 3.0	49	97	
	7	2.32	2.2	101	65	
1011	9½	39 2.98	79 56 30.9	497	10	
1012	9	39 5.53	65 32 19.4	65	45	
1013	9	39 12.51	46 14 28.3	38	90	
1014	7½	39 13.57	29 21 6.4	90	121	
	7½	13.61	6.9	73	1	
	7	13.72	6.1	487	114	
1015	8½	39 16.92	33 27 21.9	49	98	
	8½	17.02	19.1	494	75	
	8	17.10	21.6	107	23	
1016	8½	39 17.56	50 43 38.0	9	45	
1017	8½	39 19.38	26 28 42.0	503	6	
	9	19.42	41.6	493	3	
1018	8	39 19.77	29 10 8.1	97	69	
	8	19.81	10.3	90	122	
	7½	19.83	10.1	487	115	
	8½	19.84	8.8	73	2	
1019	8	1 39 21.86	32 0 47.3	107	25	
	8	21.86	48.2	494	74	
	8½	21.88	49.3	491	96	
1020	9½	1 39 26.11	26 59 16.3	97	71	
	9	26.42	16.4	503	7	
	9	26.47	16.3	493	4	
1021	9½	39 29.32	37 4 26.4	30	68	
	9½	29.37	24.0	101	66	
1022	8½	39 31.82	76 52 26.3	497	13	
1023	9	39 37.54	42 21 24.6	111	16	
	9½	37.64	23.5	499	23	
1024	9	39 38.75	32 30 57.3	107	24	
	9	38.82	58.0	494	76	
1025	8½	39 39.86	44 16 25.1	104	47	
1026	8½	39 43.88	51 38 55.7	83	140	
1027	8	39 45.26	27 1 27.2	503	9	
	7½	45.32	26.7	97	72	
	8	45.47	27.9	493	6	
1028	9½	39 45.34	39 9 52.7	110	24	
1029	9	39 46.88	28 2 15.8	487	116	
	8½	46.97	13.4	97	70	
1030	5½	39 47.25	25 40 40.0	54	119	
	5	47.25	39.0	489	109	
1031	8	39 47.27	50 7 1.0	9	46	
1032	9½	39 47.67	22 47 57.9	58	79	
1033	8	39 55.98	36 44 2.9	101	67	
1034	9	39 56.25	70 12 6.3	87	43	
1035	8½	39 56.51	26 55 61.8	54	120	
	8	56.59	62.5	503	8	
	8½	56.79	63.8	493	5	
	8½	56.82	59.2	97	73	
1036	9	39 58.85	26 52 53.8	503	10	
	9½	58.90	51.5	97	74	
	9	59.11	52.1	493	7	
1037	8½	40 8.84	45 42 25.6	38	92	
1038	9½	40 12.21	39 10 61.0	110	25	
	9½	12.39	58.4	30	69	
1039	6½	40 14.09	27 58 26.0	487	117	
	6½	14.15	26.7	493	8	
	6½	14.21	27.8	503	11	
1040	8½	40 16.67	59 23 58.0	60	39	
1041	7	40 20.34	61 38 45.7	62	91	
1042	9	40 25.04	39 15 46.2	110	26	
1043	9½	40 25.42	54 38 3.8	98	62	
	8½	25.62	3.9	12	67	
1044	9½	40 45.79	56 44 0.5	98	63	
1045	8½	40 45.84	44 32 25.2	104	48	
1046	9	40 46.35	60 20 41.3	60	40	
	9½	46.40	40.7	62	93	
1047	9	40 48.29	28 49 39.0	73	3	
1048	8½	40 49.01	24 38 36.0	58	80	
	8	49.18	34.2	489	110	
1049	9	40 49.54	40 52 31.9	111	17	
	9	49.68	33.8	110	27	
	9	49.72	32.6	499	24	
1050	9½	40 51.23	38 33 42.4	30	70	
1051	9	40 55.80	61 0 54.1	62	92	
1052	8	40 56.85	43 0 26.3	104	50	
	7½	56.87	25.2	499	25	
	8	56.90	26.8	111	18	
1053	9	41 2.72	45 54 57.6	38	93	
1054	9½	41 6.32	30 49 11.6	90	123	
	10	6.45	11.4	491	97	
1055	9½	41 8.98	47 34 16.5	16	58	
1056	8½	41 10.21	28 17 40.0	487	118	
	8½	10.22	39.9	97	75	
1057	6	41 11.74	51 26 31.0	83	141	
1058	9½	41 12.36	72 5 35.5	495	40	
	9½	12.43	35.0	495	42	
1059	9	41 14.61	56 55 12.4	98	64	
1060	8½	1 41 18.77	40 34 11.4	110	28	dpl. II.

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1061	6½	1 41 19.30	79 46 40.1	497	12	
1062	5¼	41 20.22	54 9 0.4	12	68	
1063	9	41 22.17	26 19 11.6	493	9	
1064	9	41 24.90	31 59 44.9	107	26	
	9½	24.94	45.2	491	98	
1065	8	41 25.75	43 56 41.0	104	49	
1066	10	41 29.12	27 18 40.3	503	12	
1067	7½	41 29.22	42 45 24.0	104	51	
	7½	29.28	23.2	111	19	
	7½	29.40	23.5	499	26	
1068	8½	41 31.96	68 36 8.9	71	41	
	8½	31.98	7.3	87	44	
1069	9½	41 36.17	28 37 56.1	97	76	
1070	9½	41 38.20	56 48 27.0	98	65	
1071	8½	41 39.59	29 25 5.4	73	6	
	9	39.67	6.4	487	120	
	9	39.67	2.1	90	125	
	9	39.84	4.2	73	4	
1072	8½	41 40.42	33 19 9.1	49	99	
	8½	40.58	8.9	494	77	
1073	9	41 41.30	69 43 2.8	87	45	
	9	41.33	2.4	71	42	
1074	8	41 43.23	29 18 31.6	73	5	
	8	43.29	31.9	90	126	
	8½	43.29	32.3	487	119	
1075	9	41 46.19	23 1 3.2	58	81	
1076	9	41 48.26	71 11 10.2	71	43	
	9	48.48	12.6	495	41	
1077	9	41 51.01	50 42 44.4	9	48	
1078	8	41 51.82	50 16 15.0	9	47	
1079	9	41 52.53	27 21 51.9	97	77	
	9	52.59	54.1	503	13	
	8½	52.79	53.7	493	10	
1080	8½	41 58.72	30 20 43.7	90	124	
	9	58.82	43.7	491	99	
1081	6½	41 58.94	42 23 9.6	111	20	
	6½	58.99	10.5	499	27	
1082	7	42 2.72	43 15 48.7	104	52	
1083	10	42 5.74	63 26 10.4	65	46	
1084	9	42 6.29	36 30 42.7	101	68	
1085	8½	42 9.90	22 50 56.2	58	82	
1086	9	42 20.25	48 50 55.3	16	59	
1087	9	42 20.26	66 0 35.0	65	47	
1088	7	42 20.32	37 47 4.3	30	72	
1089	9	42 25.22	36 56 25.8	30	71	
	8½	25.22	26.6	101	69	
1090	9	42 25.25	40 11 52.0	110	29	
1091	8½	42 25.50	52 25 33.4	83	142	
1092	7½	42 27.92	44 35 41.2	104	53	
1093	8½	42 27.92	41 51 40.3	111	21	
	8½	28.01	38.7	499	28	
1094	9½	42 28.23	76 45 33.7	497	15	
1095	9	42 28.24	26 13 28.2	503	14	
1096	9½	42 28.39	41 53 36.4	499	29	
1097	7	42 31.30	46 52 51.9	38	94	
1098	8	42 32.50	22 50 39.3	58	83	
1099	8	42 32.82	62 0 54.6	62	94	
1100	9½	42 43.10	54 30 19.3	98	66	
1101	8½	42 46.73	48 59 11.9	16	60	
1102	7	42 49.11	26 52 37.0	97	79	
	7½	49.11	37.9	503	15	
	7½	49.13	35.7	54	121	
	7½	49.25	37.3	493	11	
1103	9½	42 49.41	27 10 39.2	97	78	
1104	9½	42 51.02	24 23 9.2	489	112	
1105	8½	42 51.76	24 29 35.4	489	111	
1106	9	42 57.38	33 13 18.0	107	27	
1107	7	1 42 58.22	42 7 25.9	111	22	
	7	58.30	25.6	499	30	
1108	8½	1 42 59.71	29 53 31.5	73	7	
	9	59.84	34.6	90	127	
1109	9	43 2.20	37 3 12.9	101	70	
1110	9	43 3.99	44 57 20.7	104	54	
	9	4.09	20.2	38	95	
1111	8½	43 4.54	26 46 24.7	54	122	
	8	4.68	27.2	503	16	
	8½	4.74	26.9	97	80	
	9	4.75	26.4	493	12	
1112	9½	43 6.98	34 51 34.1	101	71	
1113	8½	43 8.59	74 10 41.1	495	44	
1114	9	43 10.65	34 14 15.9	49	100	
1115	9½	43 13.21	50 47 50.2	83	143	
	9½	13.42	48.6	9	49	
1116	8½	43 13.90	26 39 19.7	54	123	
	8½	14.02	21.4	503	17	
	8½	14.15	19.1	493	13	
1117	8½	43 15.46	33 31 8.9	49	101	
	8½	15.49	8.7	107	28	
	8½	15.62	6.3	494	78	
1118	9	43 17.12	22 57 35.6	58	84	
1119	7½	43 17.50	39 16 39.4	110	30	
1120	9	43 19.53	72 16 9.5	495	43	
1121	8	43 25.52	44 43 33.2	104	55	
1122	8½	43 30.74	27 41 23.6	97	81	
1123	9½	43 30.88	67 9 13.5	71	44	
	9½	31.02	11.1	65	48	
1124	10	43 32.42	26 38 3.7	493	14	
1125	8	43 36.37	57 0 46.3	98	68	
1126	9½	43 36.87	34 54 59.7	101	72	
1127	9½	43 37.34	55 24 33.4	98	67	
1128	8	43 37.85	28 23 47.6	487	121	
1129	6½	43 40.13	31 41 37.7	107	29	
	6½	40.16	39.4	491	100	
1130	8½	43 41.26	64 13 55.4	65	49	
1131	9	43 45.95	49 2 7.6	16	61	
1132	8½	43 47.94	68 38 0.6	71	45	
1133	9½	43 55.11	53 4 35.3	12	69	
1134	8½	43 59.12	51 6 20.1	83	144	
1135	8	44 0.58	52 15 14.6	83	145	
1136	9½	44 3.65	27 45 0.6	97	83	
	10	4.31	1.8	467	122	
1137	9	44 4.70	33 45 32.6	49	102	
	9	4.82	32.3	494	79	
1138	8½	44 6.09	35 4 52.5	49	103	
	8	6.29	52.6	101	73	
1139	8½	44 6.36	44 51 48.1	38	96	
	7½	6.42	48.4	104	56	
1140	9½	44 6.76	27 37 41.9	97	82	dpl. II. s.
	9½	6.88	44.0	503	18	
	9½	6.93	45.5	493	15	
1141	9½	44 11.58	29 43 49.5	90	129	
	9½	11.73	48.7	487	124	
	9	11.79	45.4	73	9	
1142	8½	44 12.12	57 45 59.3	60	41	
1143	9½	44 14.83	40 21 48.8	110	31	
1144	7½	44 15.52	29 39 40.5	73	8	
	7	15.57	40.4	90	128	
	7	15.57	43.4	487	123	
1145	8½	44 22.45	25 9 37.6	54	124	
	8½	22.62	38.2	489	114	
	8½	22.73	38.2	58	85	
1146	9	44 24.37	53 37 58.4	12	70	
1147	6½	44 25.05	39 2 2.5	30	73	
	6½	25.05	3.3	110	33	
1148	9	44 26.07	76 30 46.3	497	14	
1149	9½	44 28.82	49 7 26.4	16	62	
1150	8½	44 29.17	36 9 30.2	101	74	
1151	8½	1 44 29.22	24 23 31.0	58	86	
	8½	29.24	32.7	489	113	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
1152	9	1 44 30.53	43 13 2.4	104	57
1153	8	44 32.45	70 30 18.7	87	46
	7½	32.71	19.3	71	46
1154	9	44 35.98	45 25 26.7	38	97
1155	7	44 36.65	77 58 51.7	497	16
1156	8	44 39.68	39 26 58.8	110	32
1157	9½	44 40.09	53 32 0.5	12	71
1158	9	44 41.53	50 52 12.7	9	50
1159	8	44 42.48	64 58 30.1	65	51
1160	8	44 50.48	29 16 23.5	73	10
	8½	50.61	25.2	487	125
1161	7½	44 50.63	75 21 57.7	497	17
1162	9	45 7.68	66 23 25.3	65	53
1163	8½	45 13.19	70 21 0.7	71	47
	8½	13.21	1.7	87	47
1164	7	45 14.49	43 7 40.8	104	58
	7½	14.57	40.4	499	31
	7½	14.65	40.1	111	23
1165	9	45 16.47	32 51 50.8	49	105
	9	16.50	52.0	107	30
1166	6	45 19.12	48 26 17.5	16	63
1167	9	45 20.09	70 41 22.2	87	48
1168	9	45 22.08	25 2 56.1	54	125
	9	22.41	53.9	489	115
1169	8½	45 22.34	64 8 17.9	65	50
1170	9½	45 23.26	33 53 54.9	49	104
	9½	23.41	54.1	494	80
1171	8	45 27.73	55 4 60.6	98	69
	7¾	27.75	59.8	12	72
1172	9	45 32.10	29 11 58.1	73	11
	9½	32.12	58.8	487	127
	9	32.13	58.7	90	130
1173	9½	45 32.16	50 29 13.1	83	146
1174	9	45 33.91	57 48 18.6	60	42
1175	7	45 34.57	31 31 28.4	107	31
	7	34.70	28.7	491	101
1176	8½	45 45.69	22 47 13.7	58	87
	8	45.87	13.5	34	1
1177	9½	45 47.44	50 52 46.3	9	51
1178	9	45 47.47	73 14 28.0	495	46
1179	9	45 53.33	29 13 18.4	73	12
	9½	53.36	16.5	487	126
1180	9	45 55.73	54 37 50.2	98	70
1181	9	45 57.81	28 38 18.4	487	128
	9	57.83	15.1	97	84
1182	7½	45 57.83	59 33 35.4	60	44
1183	8½	45 57.86	44 44 3.3	104	59
1184	9½	46 2.13	36 17 40.7	101	75
1185	6	46 3.27	50 49 29.2	9	52
	6	3.29	32.3	83	148
1186	8	46 3.70	23 46 4.2	58	88
	8	3.84	5.1	34	2
	9	3.79	3.9	489	116
1187	8	46 4.44	65 0 20.5	65	52
1188	6½	46 6.50	40 27 15.0	110	34
1189	9	46 9.42	43 59 13.5	104	60
1190	9	46 15.55	67 11 43.4	65	54
1191	9	46 15.78	27 43 52.0	503	19
	9	15.89	52.3	493	16
	9½	15.89	52.2	97	85
1192	9½	46 16.64	28 37 45.7	487	129
1193	9	46 17.08	31 57 6.7	491	102
	8½	17.12	5.9	107	32
	9	17.23	6.8	494	81
1194	9½	46 17.89	50 56 48.3	9	53
	9½	17.99	51.7	83	149
1195	7	46 20.81	46 5 22.4	38	98
1196	7¼	1 46 22.00	54 53 52.1	12	73
	7	22.04	53.5	98	72
1197	9	1 46 25.45	50 35 30.3	83	147
	9½	25.67	29.9	9	55
1198	7½	46 26.32	37 39 43.8	30	74
1199	9½	46 28.53	24 55 2.9	54	127
1200	8½	46 29.80	28 22 28.5	487	130
	9	29.89	28.2	97	86
1201	7	46 32.07	63 34 39.8	62	96
	7½	32.14	40.6	65	55
1202	9	46 32.43	25 39 49.0	54	126
	9	32.63	47.5	489	117
	8	32.70	48.6	505	1
1203	9	46 32.96	58 54 37.2	60	43
1204	8½	46 32.98	55 49 41.2	98	71
1205	9½	46 32.99	29 11 19.5	97	87
	8½	33.27	20.3	73	13
1206	8	46 36.99	33 9 28.1	49	106
	8	37.04	30.4	494	82
	8	37.07	29.2	107	33
	8½	37.12	28.2	93	1
1207	8½	46 37.16	41 16 10.5	110	35
	8½	37.20	10.0	111	24
1208	8½	46 39.73	63 26 47.5	62	95
	9	40.10	50.0	65	56
1209	9½	46 40.87	38 39 30.4	30	77
1210	8½	46 43.21	46 23 15.3	38	99
1211	9½	46 48.66	71 3 52.6	87	49
1212	8½	46 49.53	23 3 9.0	58	89
	8½	49.60	10.5	34	3
1213	8	46 52.99	40 17 27.9	110	36
1214	9	46 53.50	36 23 41.0	101	76
1215	8½	46 54.21	30 54 20.1	73	14
1216	8½	46 55.16	38 40 39.2	30	76
1217	7½	46 56.88	50 36 41.4	9	54
	8½	56.94	43.0	83	150
1218	8½	46 58.64	27 51 43.5	503	20
	9	58.73	44.9	487	131
	8½	58.75	45.4	493	17
1219	8	47 1.65	40 1 59.2	110	37
1220	8½	47 2.54	73 1 53.1	495	45
1221	7½	47 3.49	34 48 39.8	49	107
1222	9	47 3.59	44 20 6.6	104	61
1223	8½	47 4.33	26 26 36.1	503	21
	8½	4.45	36.4	493	18
1224	9	47 9.55	40 16 56.5	110	38
1225	9	47 9.89	33 51 26.2	494	83
1226	8½	47 14.85	59 33 27.8	60	45
1227	9½	47 15.42	28 41 46.7	97	88
	10	15.50	48.3	487	132
1228	8½	47 16.36	38 39 59.5	30	75
1229	8	47 18.40	35 28 10.5	101	77
1230	9½	47 18.63	63 51 17.0	65	57
1231	9	47 22.17	54 46 55.0	12	74
1232	8½	47 25.15	33 23 37.3	93	2
	8	25.20	36.8	494	84
	7½	25.28	37.2	107	34
1233	9½	47 25.45	49 14 13.1	16	64
1234	8	47 30.61	33 55 31.8	49	109
	8	30.86	31.7	494	87
1235	8	47 32.38	24 49 29.3	54	128
	8½	32.40	28.4	489	118
	8	32.56	28.9	58	90
	9	32.63	30.7	34	4
	7½	32.66	29.3	505	2
1236	7½	47 36.39	56 22 40.1	98	73
1237	8	47 37.04	33 25 29.5	494	85
	7½	37.05	29.0	107	35
	8½	37.06	28.6	93	3
1238	9½	47 39.76	46 23 50.8	38	100
1239	8	1 47 42.55	59 31 6.4	60	46

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
1240	9½	1 47 44.13	43 43 29.8	104	62
1241	9½	47 46.63	31 27 31.4	107	36
	9½	46.70	32.4	491	103
1242	9½	47 49.89	56 43 44.5	98	74
1243	9½	47 50.87	37 10 19.5	101	78
1244	8	47 54.92	34 10 50.1	93	4
	7	54.94	51.2	49	108
	7½	54.97	49.3	494	86
1245	6½	48 0.23	39 12 43.3	110	39
1246	8½	48 1.70	75 51 38.9	497	19
1247	7½	48 8.41	54 37 41.4	98	76
	8¼	8.48	40.5	12	75
1248	9	48 9.17	60 56 26.7	62	97
1249	8½	48 12.54	30 55 4.4	73	15
1250	9½	48 14.49	75 26 42.3	497	18
1251	10	48 19.02	51 33 33.1	83	151
1252	8	48 22.57	56 59 10.8	98	75
1253	9½	48 27.11	30 55 15.0	73	16
1254	9	48 27.82	74 23 21.2	495	47
1255	8½	48 30.41	38 23 31.9	30	78
1256	9	48 30.80	57 15 38.4	60	48
1257	9	48 32.55	34 23 42.2	49	110
	9	32.80	40.5	93	5
1258	9	48 34.62	68 44 38.2	87	50
	9	34.79	39.0	71	48
1259	4½	48 38.17	46 54 54.8	38	101
1260	9	48 39.71	31 59 43.4	107	37
	9½	39.91	43.7	491	104
	9½	39.96	45.8	494	88
1261	9	48 41.86	26 57 34.4	54	129
	9	41.93	34.4	503	22
	9	41.98	33.2	97	89
	9	42.10	35.0	493	19
1262	8¼	48 51.83	53 51 51.9	12	76
1263	9½	48 52.05	51 28 31.0	83	152
1264	8½	48 52.95	76 42 34.0	497	20
1265	9	48 53.11	79 6 11.1	497	22
1266	9	48 53.55	42 18 17.7	111	25
1267	9	48 55.32	60 1 51.1	60	47
1268	9	49 9.88	62 17 55.7	62	98
1269	9	49 10.41	29 43 59.8	73	17
1270	9½	49 10.70	60 56 54.5	62	99
1271	5½	49 10.90	43 6 38.9	104	63
1272	9	49 12.82	24 46 17.8	58	91
	9½	12.88	15.5	34	6
	9½	13.00	12.5	505	4
1273	9½	49 13.75	28 54 48.2	97	90
1274	9½	49 13.78	72 31 40.8	495	48
1275	7	49 16.96	25 30 15.3	54	130
	7	17.02	16.9	505	5
	7	17.10	18.6	69	1
	6½	17.14	16.0	489	120
1276	8	49 17.51	46 35 0.5	38	102
1277	9½	49 17.64	34 9 5.5	93	6
	9½	17.80	4.5	494	91
1278	8	49 18.14	55 22 15.8	98	77
1279	9	49 22.03	31 50 12.7	107	38
	9	22.06	13.1	494	89
	9	22.13	13.1	491	105
1280	8	49 22.95	24 46 4.4	34	5
	8	22.95	6.0	58	92
	8	23.07	4.0	489	119
	8	23.07	5.2	505	3
1281	9	49 23.08	31 56 36.0	107	39
	9½	23.09	37.7	494	90
	9½	23.23	37.3	491	106
1282	7	1 49 24.71	68 33 36.9	71	49
	7½	25.19	35.8	87	51
1283	9	1 49 28.62	25 58 52.4	54	132
	8½	28.85	51.7	503	23
	8½	28.86	51.2	505	6
	8½	29.01	52.2	493	20
1284	9½	49 31.11	25 10 20.0	54	131
1285	9	49 35.08	43 49 20.5	104	64
1286	8½	49 42.89	41 34 56.5	111	26
1287	8	49 43.63	36 4 14.1	101	79
1288	8½	49 50.73	28 19 30.6	487	133
	8½	50.80	31.3	97	91
1289	7½	49 50.79	58 32 5.1	60	49
1290	9	49 51.29	66 49 51.8	71	50
1291	10	49 51.81	50 25 6.1	83	153
1292	9	49 51.85	36 24 59.8	101	80
1293	9	49 54.44	68 48 11.9	87	52
1294	9½	49 56.10	27 6 14.3	97	92
	9	56.40	14.1	493	21
1295	9½	50 2.44	23 11 26.1	34	7
1296	7½	50 9.89	29 43 37.0	487	134
	8	9.93	36.2	73	18
1297	8½	50 21.89	24 2 1.2	58	93
1298	8	50 28.69	24 44 47.4	58	94
	8½	28.78	45.8	505	9
1299	8½	50 30.27	25 53 31.3	54	133
	8½	30.43	31.9	503	24
	8½	30.57	32.4	493	22
	8	30.67	31.5	505	7
1300	8	50 30.47	24 50 45.7	505	8
	8	30.54	48.0	58	95
	7½	30.62	46.3	69	2
1301	7½	50 30.90	36 51 28.4	101	81
1302	9	50 33.73	44 27 46.5	104	65
1303	9	50 35.01	42 11 55.3	111	27
1304	8½	50 40.19	76 36 32.4	497	21
1305	8	50 40.84	38 25 51.8	30	79
1306	9½	50 45.29	33 5 50.5	93	7
	9	45.32	50.2	107	40
	9	45.46	50.2	494	92
1307	5	50 48.97	23 8 16.1	34	8
1308	9½	50 50.14	44 54 13.3	104	66
1309	8½	50 51.30	34 20 37.0	93	9
	8	51.36	38.0	49	111
1310	8	50 53.99	29 29 1.5	73	19
	8	54.06	2.1	487	135
1311	9	50 54.22	25 4 36.2	54	135
	9	54.39	35.5	54	134
	8½	54.72	35.7	69	3
1312	8	50 55.43	28 10 32.9	487	136
	8½	55.49	32.6	503	25
	8½	55.55	31.0	493	23
1313	9½	50 56.78	52 49 53.3	12	77
1314	9	50 57.08	48 26 23.7	16	65
1315	9	50 57.34	24 12 55.1	34	9
1316	9	50 57.39	31 44 46.2	107	42
	9½	57.41	49.5	491	107
1317	8½	50 58.77	58 57 46.9	60	50
1318	9½	51 0.48	67 30 44.9	87	54
1319	9	51 0.65	52 45 11.2	83	154
	8¼	0.96	12.0	12	78
1320	6½	51 0.86	32 45 1.0	107	41
	6½	0.91	1.0	494	93
1321	10	51 1.50	45 24 57.7	38	103
1322	4	51 5.32	52 13 52.5	83	155
1323	9	51 6.27	59 53 11.3	60	51
1324	9	51 6.30	33 34 51.7	49	112
	9	6.37	52.9	93	8
1325	9½	51 9.12	24 19 52.4	34	10
1326	9	1 51 12.35	48 50 56.2	16	66

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1327	8	1 51 14.08	26 13 56.3	54	136	
	8	14.48	53.6	493	24	
	7½	14.48	54.7	69	4	
1328	6½	51 17.07	60 55 25.5	62	100	dpl. I.
1329	7	51 18.38	55 41 3.0	98	78	
1330	8½	51 18.86	79 8 42.5	497	23	
1331	6	51 20.35	50 26 55.5	9	56	
	7	20.48	55.2	83	156	
1332	9½	51 22.72	27 25 15.6	503	26	
1333	9½	51 22.84	34 18 37.0	49	114	
	10	23.10	37.7	93	11	
1334	9	51 26.47	72 51 56.6	495	49	
1335	8½	51 29.63	27 15 21.7	503	27	
	8½	29.79	20.7	97	94	
	9	29.80	21.9	493	25	
1336	8½	51 31.29	45 25 55.9	38	104	
1337	8	51 31.57	24 36 20.7	58	96	
	7½	31.64	19.8	505	10	
1338	9	51 32.44	67 35 35.8	87	53	
1339	7½	51 32.61	31 41 37.7	107	43	
	7½	32.69	38.7	491	108	
1340	9	51 33.13	34 17 49.9	49	113	
	9½	33.31	51.1	93	10	
1341	9	51 35.58	26 49 34.5	503	28	
	9	35.79	34.8	493	26	
	9	35.82	34.1	97	93	
1342	9	51 36.55	55 0 54.3	12	80	
1343	9½	51 37.61	32 31 11.6	494	94	
1344	9	51 38.34	28 21 22.9	487	137	
1345	8	51 41.31	43 47 20.1	104	67	
1346	9	51 42.64	63 41 22.5	65	59	
1347	5	51 45.79	68 15 46.2	87	55	
	5	45.92	45.6	71	52	
1348	6½	51 46.48	61 28 31.6	62	101	
1349	9	51 47.—	26 7 1.3	54	137	
	8½	47.26	5.0	69	5	
	9	47.11	2.7	503	29	
1350	8½	51 48.11	72 38 16.0	495	50	
1351	8½	51 50.84	50 0 49.7	9	57	
1352	8	51 54.01	38 6 28.4	30	80	
1353	8½	51 56.56	54 51 46.7	12	79	
1354	9½	51 57.11	51 4 53.6	83	157	
1355	7	51 58.91	36 40 7.7	101	82	
1356	8	51 59.10	66 18 7.5	65	58	
1357	9½	52 2.14	44 3 45.8	104	68	
1358	8½	52 6.80	49 51 27.6	9	58	
1359	9½	52 10.74	27 39 49.8	97	95	
	9	10.76	47.3	503	31	
1360	7½	52 11.92	29 27 29.8	73	20	
	8½	12.03	29.5	487	138	
1361	9	52 12.50	68 31 24.8	71	51	
1362	5	52 12.54	47 59 45.2	16	68	
1363	6	52 13.73	52 23 10.8	83	158	
1364	9	52 13.77	27 5 33.6	69	6	
1365	9	52 15.40	27 32 45.4	97	96	
	9	15.54	46.6	503	30	
	9	15.55	45.6	493	27	
1366	8	52 17.67	41 14 49.3	110	40	
	8½	17.76	48.8	111	28	
1367	8½	52 18.09	37 35 17.9	30	81	
1368	9	52 19.48	59 4 54.0	60	53	
1369	9	52 20.82	60 47 54.5	62	102	
1370	10	52 22.12	52 18 20.8	83	159	
1371	9	52 22.28	60 50 39.6	62	103	
1372	7½	52 23.97	29 25 25.1	73	21	
	8	24.02	28.7	487	139	
1373	7½	52 24.83	59 4 55.0	60	52	
1374	9	1 52 27.37	49 14 17.5	16	67	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1375	8½	1 52 28.70	35 43 13.0	101	83	
1376	8½	52 29.54	34 42 56.5	93	12	
1377	9	52 30.25	68 28 25.8	71	53	
1378	9	52 31.50	33 7 36.9	494	96	
	9	31.56	37.8	107	44	
1379	9	52 33.45	33 0 34.1	107	45	
	9½	33.60	33.2	494	95	
1380	9	52 35.01	33 20 37.4	494	97	
1381	9½	52 41.38	55 45 7.0	98	80	
1382	9	52 42.14	37 30 50.2	30	82	
1383	9	52 47.80	35 42 56.4	101	84	
1384	9	52 48.06	73 6 1.5	495	51	
1385	8½	52 48.72	57 33 20.1	98	79	
1386	8	52 49.87	52 48 29.9	83	160	dpl. II.
	8¼	49.89	30.5	12	81	
1387	8½	52 50.36	39 57 1.7	110	41	
1388	7½	52 53.78	69 0 10.5	87	56	
	7½	53.83	11.6	71	54	
	7	53.99	9.1	500	1	
1389	6½	52 55.59	33 40 31.1	49	115	
	6½	55.69	29.4	93	13	
	6½	55.80	29.6	494	98	
1390	9	52 58.39	22 48 8.1	58	97	dpl.
	9½	58.54	11.5	34	11	
1391	9	53 1.07	22 47 31.6	58	98	
	9½	1.33	29.5	34	12	
1392	9	53 3.83	37 25 26.8	30	83	
1393	9½	53 6.94	33 50 26.2	49	116	
	9½	7.10	25.4	494	99	
1394	9	53 8.39	35 55 7.5	101	85	
1395	8	53 10.46	23 31 49.0	58	100	dpl. III. s. sq.
1396	9½	53 11.25	27 6 57.0	54	138	
	9	11.28	58.3	97	97	
	9	11.39	59.3	503	32	
	8½	11.43	58.2	69	7	
1397	8	53 11.92	22 52 34.8	58	99	
	8	12.03	38.9	34	13	
1398	9½	53 11.93	22 51 14.3	34	14	
1399	8½	53 12.13	32 52 47.1	107	46	
	9½	12.19	46.5	93	14	
1400	9½	53 12.55	74 1 14.8	495	53	
1401	9½	53 13.94	23 59 33.1	505	11	
1402	9½	53 14.30	32 49 50.7	93	15	
	8½	14.34	49.9	107	47	
1403	7	53 14.64	41 46 41.8	111	29	
1404	7½	53 30.93	24 35 14.3	505	13	
1405	8½	53 32.69	37 37 27.8	30	84	
1406	6½	53 35.49	27 2 25.8	54	139	
	7	35.54	27.0	493	28	
	6½	35.74	24.8	97	98	
	6½	35.80	26.9	69	8	
	6½	35.73	26.1	503	33	
1407	8	53 36.31	24 2 45.5	505	12	
1408	8½	53 40.64	59 57 24.5	60	54	
1409	9½	53 40.88	73 58 18.6	495	52	
1410	9	53 42.98	70 35 52.3	71	55	
	9½	43.03	54.2	87	57	
1411	8½	53 47.61	28 32 51.4	97	99	
	8½	47.88	54.3	487	141	
1412	7½	53 48.94	43 33 25.2	104	69	
1413	7	53 50.21	78 6 14.4	497	24	
1414	9	53 51.84	28 7 36.9	487	140	
1415	9½	53 55.16	47 12 5.6	38	105	
1416	9½	53 55.45	44 31 43.8	104	70	
1417	8½	53 55.48	36 20 47.6	101	86	
1418	8½	53 59.91	56 2 21.6	98	81	
1419	9½	53 59.97	48 4 59.6	16	69	
1420	8½	1 54 0.43	77 51 13.2	497	26	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1421	9½	1 54 2.15	27 32 59.1	503	34	
1422	9	54 2.60	33 42 10.7	49	117	
	9	2.76	10.1	93	16	
	9	2.81	9.5	494	100	
1423	9	54 6.04	28 4 44.8	487	142	
1424	9½	54 7.72	27 38 52.9	503	35	
1425	9	54 11.77	35 2 52.0	93	17	
1426	8½	54 12.64	66 37 23.8	65	61	
1427	7	54 13.63	41 20 1.9	111	30	
	7	13.70	0.7	110	42	
1428	8	54 13.93	35 21 58.6	101	88	
1429	9	54 15.43	32 38 25.1	107	48	
1430	9	54 15.57	28 45 46.5	97	100	
1431	8	54 16.21	45 21 2.0	76	1	
1432	7½	54 16.63	36 1 40.7	101	87	
1433	9	54 22.49	29 40 2.1	487	143	
1434	9	54 23.72	26 45 17.1	69	9	
1435	7¾	54 24.51	52 51 18.1	12	82	
	8	24.55	17.4	83	161	
	7½	24.58	18.3	119	1	
1436	8½	54 26.95	32 21 23.2	107	49	
	9	27.12	26.1	494	101	
1437	8½	54 27.42	50 44 57.8	116	1	
1438	6½	54 29.61	66 1 58.3	65	60	
1439	6	54 29.63	42 38 2.3	111	31	
1440	8½	54 30.03	37 58 21.0	30	85	
1441	8	54 30.53	57 28 51.5	98	82	n.pr.
	8	30.73	56.2	60	56	
1442	8½	54 34.27	57 29 13.6	98	83	s.sq.
	8½	34.47	18.0	60	55	
1443	8	54 35.53	30 28 18.5	73	22	
	8½	35.67	21.9	491	109	
1444	9½	54 37.72	33 55 26.5	93	18	
1445	8½	54 38.90	22 40 56.5	34	15	
1446	8½	54 39.31	46 52 12.4	38	106	
	7½	39.40	13.7	114	1	
	8	39.64	10.9	76	2	
1447	9½	54 44.28	26 49 51.8	97	101	
	8½	44.46	52.9	69	10	
	9	44.47	51.7	493	29	
1448	9½	54 44.51	30 6 55.0	491	110	
1449	7½	54 47.93	49 13 13.6	9	59	
	8	47.97	11.4	16	70	
1450	8	54 47.95	32 41 34.9	107	51	
	8	48.08	34.1	494	103	
1451	9	54 48.62	46 10 57.9	38	107	
1452	9	54 49.03	30 23 10.3	73	23	
1453	3	54 49.59	62 10 42.7	62	104	
1454	9	54 50.22	23 50 14.4	505	14	
1455	9	54 51.90	73 52 27.0	495	54	
1456	9	54 52.13	67 52 30.4	87	59	
	9	52.33	32.5	71	57	
1457	9	54 52.98	25 55 19.0	503	36	
	9	53.23	18.3	493	30	
1458	8	54 54.76	42 9 1.1	111	33	
1459	8½	54 55.51	32 26 24.7	107	50	
	8½	55.79	24.0	494	102	
1460	7	54 55.51	25 1 29.6	54	140	
	7	55.81	29.4	505	15	
1461	9	54 56.27	71 44 2.2	495	55	
1462	9½	54 56.87	45 8 59.7	104	71	} dpl.
1463	10	54 56.99	45 9 8.3	104	72	
1464	9	54 58.77	31 1 41.9	491	111	
1465	9½	54 59.16	26 47 21.0	97	102	
	9	59.26	20.6	69	11	
1466	8	55 5.89	51 10 23.8	116	2	
	9	5.92	20.7	83	163	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1467	9	1 55 10.81	68 11 36.8	87	58	
	8½	11.02	36.9	71	56	
	8	11.14	37.4	500	2	
1468	9½	55 12.41	25 6 57.5	54	141	
	9½	12.86	56.5	505	16	
1469	8½	55 12.98	52 12 15.6	83	162	
	7½	12.98	19.3	119	2	
1470	9½	55 13.46	39 3 8.8	30	86	
	9½	13.47	7.6	110	43	
1471	7	55 14.55	41 19 20.9	110	46	
1472	7½	55 18.03	42 22 55.3	111	32	
1473	9½	55 19.04	25 41 38.6	505	17	
1474	9½	55 19.68	25 45 18.8	493	31	
1475	9½	55 20.03	35 1 35.6	93	19	
	8½	20.08	36.1	101	89	
1476	9	55 20.26	40 52 28.4	110	45	
	8	20.34	25.8	111	34	
1477	9½	55 23.15	48 30 10.2	16	71	
1478	9	55 23.16	40 16 13.4	110	44	
1479	8	55 24.85	28 12 50.7	506	1	
	9	25.10	50.6	487	144	
1480	9½	55 27.26	24 33 13.3	34	16	
1481	9	55 30.17	36 15 47.9	101	90	
1482	10	55 33.94	25 42 55.7	505	18	
1483	8	55 33.95	30 46 20.6	73	24	
	8	34.04	20.5	491	113	
1484	8½	55 39.44	55 1 44.5	98	85	
	8½	39.56	44.6	12	83	
1485	6	55 39.88	30 36 9.4	73	25	
	5½	39.95	10.7	491	112	
1486	8	55 41.36	30 6 31.8	506	2	
1487	8	55 44.30	78 11 13.1	497	25	
1488	8½	55 48.99	44 26 2.7	104	73	
1489	7	55 50.65	55 37 5.6	98	84	
1490	9	55 50.89	26 14 15.0	54	142	
	8½	51.07	15.8	503	37	
	8	51.29	18.1	69	12	
1491	9	55 53.86	70 2 18.9	71	59	
	9	54.26	18.9	500	4	
1492	9	55 54.64	70 9 42.4	87	60	
	8½	54.75	42.7	500	3	
	8½	54.95	40.5	71	58	
1493	9½	55 55.74	37 40 51.6	30	87	
1494	9½	55 58.88	45 48 2.6	76	3	
1495	9½	55 58.92	27 5 51.7	97	103	
1496	9	55 59.69	24 28 57.3	34	17	
1497	9	56 10.54	36 20 50.2	101	91	
1498	7½	56 11.83	66 3 23.1	65	63	
1499	9	56 16.46	73 14 4.5	495	56	
1500	9½	56 17.91	26 2 47.5	505	19	
	9	17.89	49.4	503	38	
	9	18.16	50.1	69	13	
1501	9	56 18.33	35 49 1.8	101	92	
1502	9½	56 20.30	31 35 49.9	107	52	
1503	7	56 23.98	24 38 42.9	34	18	
1504	6½	56 24.40	66 40 19.7	65	62	
1505	8	56 26.47	55 50 48.1	98	87	
1506	8½	56 30.03	74 42 53.3	495	57	
1507	8½	56 34.73	39 55 16.5	110	47	
1508	9	56 39.39	30 29 30.9	73	29	
1509	8	56 40.11	54 36 52.7	119	3	
	8¼	40.20	52.9	12	84	
	8	40.36	54.9	98	86	
1510	6	56 41.52	45 18 56.0	76	4	
	5½	41.61	57.4	38	108	
1511	8	1 56 42.80	28 56 26.2	506	3	
	8	42.86	25.1	46	1	
	8½	43.03	26.7	73	26	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1512	9	1 56 48.18	70 39 36.8	500	5	
	9	48.22	39.5	87	62	
	8½	48.45	41.2	71	62	
1513	8	56 48.24	63 22 6.2	62	105	
1514	9	56 49.60	31 59 8.9	494	104	
1515	7½	56 50.18	55 44 58.3	98	88	
1516	9	56 51.60	34 13 37.5	93	20	
1517	9½	56 51.61	35 36 45.7	101	93	
1518	6½	56 52.26	30 16 7.9	73	27	
	7	52.33	7.3	491	114	
1519	8	56 53.61	27 20 41.2	503	39	
	8½	53.62	41.2	97	104	
	8½	53.81	42.1	493	32	
1520	9	56 56.85	24 51 3.5	505	21	
	9	56.92	4.6	69	14	
1521	8	57 5.46	24 29 17.2	34	19	
1522	8½	57 7.15	30 25 6.1	73	28	
1523	9½	57 8.42	24 54 11.4	69	15	
1524	8½	57 9.64	30 55 29.9	491	115	
1525	7½	57 11.32	50 43 56.5	116	4	
	8	11.38	53.2	83	164	
	8	11.48	54.0	9	60	
1526	9	57 11.56	30 56 1.2	491	116	
1527	9½	57 12.20	28 39 39.0	97	105	
	9½	12.20	42.2	506	4	
	8½	12.21	40.4	46	2	
1528	7	57 12.73	46 26 18.9	38	109	
	7½	12.90	18.3	76	5	
1529	8	57 18.71	41 7 22.2	111	35	
	7½	18.82	21.5	110	48	
1530	8½	57 21.30	40 1 27.6	110	49	
1531	9	57 21.40	33 5 19.5	107	53	
	9	21.58	19.8	494	105	
1532	8½	57 26.16	25 23 21.8	69	16	
	9	26.20	19.4	505	20	
1533	7	57 29.88	50 0 42.4	9	61	
	7	29.92	42.4	116	5	
1534	9	57 30.16	37 31 10.1	30	88	
1535	8½	57 32.24	41 33 4.2	111	36	
1536	8	57 32.64	49 30 22.8	114	2	
1537	8½	57 33.69	51 5 45.0	83	165	
	8	33.79	46.6	116	3	
1538	9½	57 36.23	27 24 31.3	503	40	
	9	36.30	31.5	46	3	
	9½	36.31	32.2	97	106	
1539	8	57 37.03	42 14 17.3	111	37	
1540	7½	57 39.45	65 42 46.0	65	64	
1541	8	57 40.61	25 43 47.0	69	17	
1542	8	57 42.99	58 17 27.8	60	57	
1543	8½	57 44.50	61 28 48.3	62	106	
1544	10	57 45.62	28 51 46.8	506	5	?
1545	8½	57 51.50	31 31 52.5	107	54	
	9	51.55	52.0	491	117	
1546	9½	57 55.42	40 42 45.5	110	50	
1547	9	57 56.90	67 48 23.5	500	8	
1548	9½	57 57.81	70 8 37.2	71	61	
	10	58.00	39.7	500	6	
1549	9½	57 59.02	65 47 39.8	65	68	
	9½	59.12	40.7	65	65	
1550	7½	58 0.67	66 57 9.3	500	7	
	8	0.90	8.7	87	63	
1551	8	58 1.35	53 8 9.0	119	4	
	8¼	1.64	10.2	12	85	
1552	9½	58 1.78	22 35 54.7	34	20	
1553	8	58 1.86	56 50 51.7	98	89	
1554	9	58 6.30	40 43 36.4	110	51	
1555	9	58 7.46	44 12 34.9	104	74	
1556	9½	1 58 7.81	53 33 54.3	12	87	
1557	9	1 58 9.30	69 54 61.4	87	61	
	8½	9.58	59.7	71	60	
	8½	9.82	60.9	500	9	
1558	8½	58 10.62	45 34 37.5	76	6	
1559	9½	58 11.99	65 31 45.3	65	67	
1560	8½	58 12.98	37 48 1.1	30	89	
1561	8½	58 13.58	30 13 27.6	73	30	
1562	9½	58 17.76	58 11 15.0	60	59	
1563	8	58 18.41	50 5 32.5	9	62	
	8	18.48	34.4	116	6	
1564	8½	58 21.11	49 23 47.1	116	7	
	8½	21.15	42.1	114	3	
	9	21.16	42.2	9	63	
1565	8½	58 22.18	22 37 44.8	34	21	
1566	7½	58 26.83	53 38 16.7	119	5	
	7¼	26.92	17.4	12	86	
1567	7½	58 29.37	79 22 9.3	497	29	
1568	8½	58 30.17	33 7 7.6	93	21	
	8½	30.23	7.7	494	106	
	7½	30.25	8.7	107	55	
1569	9	58 30.24	41 4 17.8	111	38	
	8½	30.44	18.1	110	52	
1570	8½	58 30.35	63 11 48.3	62	107	
1571	9	58 31.48	65 59 56.3	65	69	
1572	8	58 31.64	58 11 55.2	60	60	
1573	8½	58 34.42	60 26 40.1	60	58	
	9	34.51	41.1	62	108	
1574	9½	58 43.45	33 8 52.5	93	23	
	9½	43.66	52.9	107	56	
	9½	43.73	55.5	494	107	
1575	9½	58 43.72	65 35 50.3	65	66	
1576	9½	58 44.76	31 0 24.9	491	118	
1577	9	58 47.01	33 5 25.9	107	57	
	9½	47.11	26.4	494	108	
	9½	47.18	24.4	93	22	
1578	9½	58 49.47	33 45 26.2	494	109	
1579	5	58 53.01	29 53 50.9	506	6	
	5	53.19	48.1	73	31	
	5	53.20	49.6	491	119	
	5	53.26	50.2	509	1	
1580	9	58 53.41	27 12 12.3	46	4	
	9½	53.72	11.8	97	107	
1581	7	58 53.65	46 0 55.2	38	110	
	7½	53.75	54.2	76	7	
1582	8½	58 57.95	44 36 6.2	104	75	
1583	9	59 10.15	46 58 41.3	38	111	
	8½	10.16	41.7	114	4	
	8½	10.30	40.4	76	9	
1584	8	59 11.03	75 13 11.7	495	58	
	8	11.95	12.7	497	27	
1585	9	59 13.40	33 41 1.4	93	24	
	9	13.48	2.3	494	110	
1586	7½	59 17.26	35 52 22.1	101	94	
1587	8	59 17.33	28 57 29.5	97	108	
	8	17.33	30.1	506	7	
	7	17.39	27.8	46	5	
	8	17.46	27.3	73	32	
1588	9½	59 17.86	70 16 45.4	500	10	
1589	9½	59 18.72	42 40 5.4	111	39	
1590	7½	59 21.02	44 6 25.9	104	76	
1591	9½	59 23.00	76 21 40.1	497	28	
1592	8	59 28.91	66 29 5.4	65	70	
1593	9	59 32.39	32 23 58.1	107	58	
1594	9	59 33.48	23 51 48.9	511	1	
1595	8	59 34.37	56 15 41.8	98	93	
	8	34.40	41.0	98	90	
1596	9½	1 59 36.74	74 21 21.7	495	59	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.		No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″						h m s	° ′ ″			
1597	7½	1 59 38.54	28 58 39.2	46	6		1603	9	1 59 52.03	36 25 0.4	101	95	
	7½	38.59	39.0	506	8			9	52.15	1.0	101	96	
	7½	38.66	37.8	73	33		1604	8½	59 52.68	24 58 20.8	511	2	
	7½	38.72	38.5	97	109			7½	52.78	22.9	69	18	
1598	7½	59 38.83	29 9 21.4	97	110			8½	52.79	21.4	505	23	
	7½	39.03	21.6	73	34		1605	8½	59 52.91	54 57 15.4	98	91	
	7½	38.95	21.4	506	9			8½	52.93	15.2	12	88	
1599	9	59 40.07	51 45 2.5	83	166		1606	10	59 55.86	39 16 10.4	110	53	
	8½	40.13	2.6	116	9		1607	9	59 56.91	31 11 26.3	107	59	
1600	9	59 40.40	46 41 23.6	76	8			9½	57.02	27.6	509	2	
1601	8½	59 44.24	59 59 19.2	60	62		1608	9½	59 58.68	54 59 5.8	12	89	
1602	8½	1 59 48.67	24 58 35.6	69	19		1609	8	59 58.68	28 42 41.4	506	10	
	9	48.73	33.3	505	22		1610	8½	1 59 59.34	49 27 41.4	114	5	
	9	48.79	34.3	511	3			8½	59.49	45.8	116	8	
								8	59.50	43.7	9	64	

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HORA II.

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1	8	2 0 3.72	54 15 6.3	119	6	
2	9	0 4.16	51 4 5.5	83	167	
	8½	4.25	6.2	116	10	
3	9	0 9.89	43 18 45.9	104	78	
4	8	0 10.54	22 45 2.3	34	22	
5	6½	0 11.92	55 28 47.1	98	92	
6	9	0 12.16	40 53 10.5	110	54	
7	9	0 15.15	28 57 6.4	97	111	
	8½	15.22	8.0	46	7	
	9	15.39	10.5	73	35	
8	7½	0 15.35	71 1 17.2	71	63	
	7	15.36	15.7	87	64	
	7	15.39	16.3	120	1	
	7	15.41	16.0	500	12	
9	9	0 15.70	23 59 51.0	511	5	
	9½	15.71	52.8	505	24	
10	8½	0 23.86	74 6 4.4	495	60	
11	8	0 24.08	50 16 50.0	9	65	
12	7½	0 25.92	58 56 36.6	60	61	
13	9	0 26.64	28 49 48.1	97	112	
	9	26.65	50.1	46	9	
	9	26.68	47.8	506	12	
	9	26.82	48.6	73	36	
14	9	0 28.53	28 51 31.1	506	11	
	8½	28.58	33.5	73	37	
	9	28.62	30.5	46	8	
	9	28.73	32.5	97	113	
15	9½	0 29.56	45 5 8.0	104	77	
16	8½	0 34.01	41 46 42.4	111	40	
17	9	0 35.14	29 49 20.1	509	3	
18	9½	0 35.15	47 34 56.8	114	6	
19	9	0 36.02	33 19 56.4	494	111	
	9	36.03	59.3	107	60	
20	7	0 37.46	75 2 45.4	495	61	
21	9½	0 37.96	56 45 54.2	98	94	
22	9	0 42.37	25 16 27.5	505	26	
	8	42.52	26.3	69	20	
23	8	0 42.92	49 5 15.6	114	7	
	8	42.93	16.3	16	72	
24	8	0 44.15	24 9 50.2	505	25	
	8	44.17	50.6	34	23	
	8	44.18	51.0	511	4	
25	9	0 46.40	28 43 13.2	46	10	
	9	46.65	13.5	97	114	
26	9	0 51.05	62 7 5.4	62	109	
27	9½	0 51.90	33 5 48.7	107	61	
	9½	51.93	50.2	494	112	
	9½	51.95	49.7	93	25	
28	8½	0 53.78	38 24 44.2	30	90	
29	9	0 59.65	46 57 57.4	76	10	
30	9½	0 59.74	27 25 23.2	503	41	
31	7½	2 1 1.52	52 35 24.4	119	7	
32	9½	2 1 1.79	70 37 6.1	500	11	
33	7½	1 1.92	40 8 7.8	110	55	
34	9	1 4.34	24 27 27.6	511	6	
35	9	1 5.65	54 51 9.2	12	90	
36	9	1 7.98	28 42 16.7	46	11	
	9½	8.22	14.6	97	115	
37	10	1 8.70	34 48 5.1	93	26	
	9½	8.72	6.3	101	97	
38	9	1 9.78	60 6 17.4	60	63	
39	8½	1 10.87	45 49 58.1	76	11	
40	9½	1 13.28	45 45 46.9	76	12	
41	10	1 14.78	63 24 57.8	65	72	
42	7	1 15.78	65 44 18.0	65	71	
43	9	1 17.80	31 39 30.0	107	62	
	8½	17.90	30.8	509	4	
44	7½	1 18.83	37 42 53.6	30	91	
45	8½	1 21.42	26 39 46.8	503	42	
	8	21.53	46.2	69	21	
46	9	1 24.57	59 45 52.1	60	64	dpl. III. n.
47	8½	1 33.42	28 24 46.5	506	14	
48	8	1 36.18	35 20 59.0	101	98	
49	9	1 44.80	22 38 51.0	34	24	
50	7	1 48.67	79 28 6.1	497	30	
51	9	1 49.20	49 44 51.6	116	11	
52	7½	1 49.49	29 29 29.7	506	13	
	7½	49.51	28.2	73	38	
53	9	1 49.52	47 12 10.2	38	112	
54	9	1 50.84	32 55 9.2	107	63	
	9½	50.96	9.9	93	27	
55	9½	1 53.07	48 23 55.0	114	9	
56	9	1 57.01	69 10 3.2	71	64	
57	9	1 59.62	29 55 46.7	73	39	
	9	59.72	47.5	509	5	
58	8	2 5.74	35 51 53.5	101	99	
59	9½	2 6.27	74 47 16.5	495	62	
60	8½	2 7.08	25 8 46.4	69	22	
	9	7.08	46.8	505	27	
	9	7.11	47.7	511	7	
61	7	2 8.68	55 40 44.8	98	95	
62	8½	2 12.82	55 31 18.7	98	96	
63	9½	2 14.33	34 2 59.3	93	28	
64	7½	2 15.75	68 53 55.6	120	2	
	8½	15.86	54.4	71	65	
	8	15.93	53.9	500	13	
65	9	2 16.28	50 34 29.2	116	12	
	9	16.44	30.1	9	66	
66	8½	2 21.80	51 14 12.6	116	13	
67	9	2 22.17	48 23 28.9	114	8	
	9½	22.31	27.9	16	73	
68	9	2 22.81	39 59 18.0	110	56	
69	9	2 23.46	24 47 52.3	34	25	
70	9½	2 2 25.05	59 47 42.7	60	65	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
71	10	2 2 28.39	31 32 23.9	509	6	p
72	9	2 28.80	36 11 49.0	101	100	
73	7½	2 29.71	28 9 57.2	46	12	
	7	29.79	57.7	506	15	
	7	29.83	58.3	97	116	
	7	29.84	56.9	503	43	
74	8½	2 29.79	25 17 17.4	511	8	
	8½	29.79	18.1	505	28	
	8	29.80	19.7	69	23	
75	9½	2 31.58	36 11 16.7	101	101	
76	8½	2 36.01	29 19 50.2	73	40	
77	9	2 39.11	37 1 18.1	30	92	
78	9	2 48.18	55 44 45.0	98	97	
79	8	2 49.83	53 47 35.8	119	8	
	8½	50.06	35.7	12	91	
80	9½	2 51.20	25 0 37.0	69	24	
81	9	2 57.79	29 8 38.3	506	16	
	9	57.85	37.8	73	41	
82	9	2 58.11	26 20 5.1	503	44	
83	6½	3 0.59	42 28 27.8	111	41	
84	9½	3 1.93	52 1 43.5	116	14	
85	8½	3 3.07	54 26 48.2	119	9	
86	8½	3 5.41	44 56 53.6	76	13	
	9½	5.66	52.6	104	79	
87	9	3 13.43	24 23 52.4	34	26	
	9	13.44	54.7	511	10	
88	9	3 15.82	49 42 24.0	114	10	
	9	16.12	26.7	9	67	
89	9	3 17.78	24 57 27.3	505	29	
	8½	17.89	28.4	511	9	
	8	17.89	28.6	69	25	
90	7	3 18.17	23 34 59.0	34	27	
91	9	3 20.72	24 21 33.9	34	28	
	9	20.82	32.7	511	11	
92	7½	3 23.62	61 34 52.5	62	110	
93	7	3 27.41	32 20 16.9	107	64	
94	7½	3 28.16	36 25 1.2	101	102	
95	9	3 29.25	70 18 53.5	500	15	
	9	29.41	53.1	71	66	
96	7½	3 30.80	60 16 24.0	60	66	
97	9½	3 31.57	46 57 58.3	114	12	
98	8	3 33.13	71 13 35.6	120	3	
	9	33.34	32.5	495	63	
99	8	3 33.58	36 23 8.2	101	103	
100	8½	3 34.86	28 9 44.3	46	13	
101	9½	3 37.07	60 15 57.5	60	67	
102	8	3 39.11	72 12 14.4	495	64	
103	8½	3 40.63	26 52 29.8	503	45	
	8½	40.76	30.5	69	27	
104	7½	3 43.22	32 24 6.7	107	65	
105	8	3 44.01	45 5 5.9	76	14	
	8	44.06	5.2	104	80	
106	9	3 45.83	58 56 12.6	60	68	
107	9	3 46.25	29 31 43.7	506	18	
108	10	3 51.03	61 30 23.1	62	111	
109	6½	3 51.22	24 56 11.3	511	12	
	6½	51.22	10.9	505	30	
	6½	51.27	12.1	69	26	
110	7	3 52.15	66 32 22.9	65	73	
111	9	3 53.48	31 4 53.3	509	7	
112	8	3 56.47	54 5 5.3	119	10	
113	7½	3 58.33	56 7 5.5	98	98	
114	9	4 0.39	70 36 59.3	71	67	
	9	0.99	59.1	500	14	
115	9	4 0.54	32 17 12.9	107	66	
116	9½	4 6.35	24 59 54.0	511	13	p
117	7	4 7.88	29 35 56.9	506	17	
	7½	7.95	56.5	73	43	
118	9	2 4 9.51	46 57 42.6	114	11	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
119	8½	2 4 9.70	29 11 44.7	506	19	
	8½	9.86	41.8	73	42	
120	6	4 9.81	44 6 25.8	104	81	
121	8½	4 13.48	31 19 52.0	107	68	
	9	13.52	51.9	509	8	
122	8	4 23.32	41 58 51.1	111	42	
123	8½	4 23.48	27 16 —	46	14	
	9	23.59	60.1	503	46	
124	9½	4 28.42	55 4 22.8	98	99	
125	9	4 31.39	30 35 9.3	73	44	
126	9	4 34.55	27 17 52.5	46	15	
127	9	4 35.17	31 39 17.7	107	67	
	8½	35.30	17.3	509	9	
128	9	4 38.86	46 16 7.7	76	15	
129	8	4 39.18	79 17 42.6	497	31	
130	7½	4 39.48	46 3 26.0	76	16	
131	6½	4 40.81	41 27 26.3	111	43	
132	8½	4 42.32	46 18 58.1	76	17	
133	8½	4 48.58	37 58 23.1	30	93	
134	9½	4 48.74	39 51 0.1	110	57	
135	9	4 53.40	65 35 13.3	65	74	
136	8	4 54.25	49 11 23.0	114	13	
137	9	4 54.74	28 50 53.3	506	21	
138	9	4 56.36	55 6 9.7	98	100	
139	8	4 59.88	31 23 3.4	107	69	
	8	59.95	3.4	509	10	
140	7½	5 4.62	28 48 34.2	506	20	
141	8	5 4.70	54 2 52.8	119	12	
142	6½	5 5.65	44 24 21.6	104	82	
143	9½	5 5.87	62 1 44.7	62	112	
144	7½	5 12.01	53 52 5.5	119	11	
145	7½	5 15.19	36 6 1.4	101	104	
146	8½	5 17.51	26 2 42.0	503	47	
	8½	17.54	42.5	511	14	
	8	17.60	42.1	69	28	
147	10	5 19.85	46 49 26.0	114	15	
148	8	5 21.16	27 48 37.4	46	16	
	8½	21.25	37.5	503	48	
149	6½	5 22.85	51 26 16.1	116	15	
150	8	5 24.38	46 12 58.8	76	18	
151	8	5 26.84	38 57 24.0	30	94	
152	8	5 26.99	32 39 5.1	107	70	
153	8½	5 28.43	47 1 56.6	114	14	
154	10	5 35.24	43 2 45.0	111	45	
155	7½	5 36.52	46 2 15.5	76	19	
156	9	5 39.20	25 9 22.0	511	16	
157	9	5 39.52	39 43 37.2	110	58	
158	9	5 39.56	29 45 57.7	73	45	
159	9½	5 41.94	43 0 32.6	111	44	
160	9	5 44.40	66 58 50.2	120	4	
161	9½	5 52.70	62 19 55.2	62	113	
162	8½	5 53.11	49 28 49.3	116	16	
163	9½	5 55.47	34 52 31.7	93	29	
164	8½	5 55.71	26 58 19.9	69	30	
165	8½	5 57.06	44 23 46.5	104	83	
166	9	5 58.34	74 0 7.1	495	65	
167	9	5 59.64	69 34 7.4	71	68	
168	9½	6 2.87	55 15 11.3	98	101	
169	9	6 5.69	24 56 0.9	511	15	
	8½	5.75	3.5	69	29	
170	9	6 6.55	31 56 12.1	509	11	
171	9	6 13.78	31 59 15.7	509	12	
172	8½	6 15.39	26 53 46.7	69	31	
173	9	6 25.42	61 20 54.9	113	1	
174	8½	6 26.93	47 10 25.7	114	16	
	7½	27.10	26.1	76	21	
175	8½	6 27.91	29 32 38.5	73	46	
176	9½	6 29.01	65 0 56.9	65	75	
177	9½	2 6 31.92	36 53 55.6	30	95	
	10	32.04	53.2	101	105	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
178	9½	2 6 32.71	42 27 29.4	111	46	
179	8	6 33.36	45 56 26.4	76	20	
180	8	6 33.50	28 5 59.1	503	49	
	8	33.57	57.7	46	17	
	8	33.57	61.7	506	22	
181	8	6 33.77	61 41 10.0	113	2	
	8	33.85	12.8	62	114	
182	9	6 34.03	32 55 6.0	93	31	
	8½	34.10	5.7	107	71	
183	7½	6 34.40	32 52 33.3	107	72	dpl. II. s. sq.
	8	34.42	32.5	93	30	
184	9	6 37.73	48 10 50.8	114	17	
185	9	6 39.05	29 34 56.9	506	23	
	9	39.24	55.2	73	47	
186	8½	6 39.54	27 13 35.2	46	18	
187	9	6 40.14	75 9 10.3	495	68	
	8½	40.49	8.7	497	32	
188	9	6 42.09	44 9 55.9	104	85	
189	9½	6 43.46	29 49 55.7	73	48	
190	8	6 44.47	64 56 44.3	65	76	
191	9	6 47.38	57 26 9.8	60	70	
192	8	6 49.25	49 55 13.9	116	17	dpl. II. n. pr.
193	9½	6 52.95	49 44 7.9	116	18	
194	9	6 53.97	44 3 36.9	104	84	
195	9½	6 54.74	60 59 54.6	62	116	
196	8	6 55.40	26 54 32.4	69	32	
	8	55.42	31.6	503	50	
197	8½	7 0.43	61 43 56.1	113	3	
	9	0.49	56.6	62	115	
198	7½	7 7.88	47 45 24.2	114	18	
199	9½	7 11.19	72 14 24.3	495	66	
200	9½	7 12.03	54 34 50.8	98	102	
	9	12.08	50.2	119	13	
201	9	7 13.98	26 23 29.3	69	33	
	9½	14.15	28.6	503	51	
202	9	7 15.41	24 11 21.8	511	17	
203	9	7 16.11	49 48 28.7	116	19	
204	7½	7 16.13	59 44 26.6	60	69	
205	6	7 24.23	31 18 38.9	509	13	
	5½	24.28	37.5	107	73	
206	9	7 25.48	31 16 22.6	107	74	
	9½	25.65	24.7	509	14	
207	7½	7 28.27	23 27 30.7	34	29	
208	9	7 28.49	45 43 4.3	76	22	
209	7½	7 28.73	54 38 11.7	119	14	
	7½	28.76	11.0	98	103	
210	7	7 29.69	35 7 29.4	93	32	
	7½	29.84	31.5	101	106	
211	8½	7 29.73	44 57 17.5	104	86	
212	9½	7 30.50	57 16 30.8	60	71	
213	8½	7 33.59	47 24 4.7	114	19	
214	8½	7 44.23	69 22 4.8	71	69	
	9½	44.40	3.4	500	16	
215	8½	7 45.89	41 51 8.6	111	48	
216	10	7 51.17	42 3 16.1	111	49	
217	9½	7 51.38	29 16 29.0	506	24	
	8½	51.42	27.3	73	49	
218	9	7 51.90	40 35 4.2	110	59	
219	9	7 51.93	25 55 6.5	503	52	
	9	52.00	9.1	511	19	
	8½	52.16	9.5	69	34	
220	8	7 52.06	45 4 33.5	76	24	
	8	52.30	32.2	104	87	
221	9½	7 52.44	59 19 39.6	60	72	
222	9	7 53.54	42 2 10.5	111	47	
223	8	7 54.13	25 22 38.9	511	18	
224	8½	7 55.46	45 48 5.0	76	23	
225	8	2 7 57.55	36 59 51.2	101	108	
	8½	57.59	52.3	30	97	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
226	8	2 7 57.59	56 3 37.9	98	105	
227	9	7 58.54	38 21 14.9	30	96	
228	7½	7 59.96	36 38 46.8	101	107	
229	9	8 1.28	25 52 52.6	69	35	
230	9½	8 2.68	36 58 43.7	101	109	
231	7	8 6.17	33 55 16.7	93	33	
232	9	8 23.17	73 4 60.0	495	69	
	9	23.52	59.4	495	67	
233	8	8 24.48	54 19 52.4	119	15	
234	9	8 28.15	66 56 26.7	120	5	
235	8½	8 36.14	54 49 53.2	98	104	
236	7½	8 43.23	28 29 20.6	46	19	
	8	43.23	20.8	506	25	
237	8	8 49.45	62 14 26.0	113	4	dpl. II. n. pr.
	8½	49.56	28.0	62	117	
238	9½	8 52.39	31 54 22.2	107	75	
239	8½	8 58.36	48 21 52.9	114	20	
240	8½	8 58.67	77 12 34.9	497	33	
241	8½	8 59.78	59 52 29.8	60	73	
242	9	9 0.43	66 21 32.2	65	77	
243	10	9 3.01	34 53 57.2	93	34	
244	8½	9 3.84	37 41 38.1	30	98	
245	9½	9 14.33	37 40 35.3	30	99	
246	9½	9 17.58	36 5 36.2	101	110	
247	6½	9 17.94	24 7 20.4	34	30	
	8	18.00	19.4	511	20	
248	9½	9 19.74	33 23 16.2	107	76	
249	9½	9 22.00	77 16 35.1	497	35	
250	8½	9 22.83	47 58 4.5	114	21	
251	8½	9 25.48	60 9 5.4	60	74	
252	9	9 26.88	30 14 0.4	73	50	
253	6	9 28.49	41 44 58.6	111	50	
254	8	9 31.45	23 51 54.8	511	21	
	7½	31.64	55.3	34	31	
255	7½	9 34.71	38 6 54.4	30	100	
256	8½	9 36.70	28 1 42.6	46	20	
	9½	36.88	42.7	503	53	
257	9	9 38.04	74 39 23.2	495	73	
258	9	9 40.09	41 16 55.1	111	51	
	9	40.24	55.1	110	60	
259	8½	9 41.38	26 29 46.4	69	36	
260	8½	9 44.49	45 8 45.0	76	25	
	8½	44.65	45.8	104	88	
261	9½	9 44.60	56 16 21.3	98	106	
262	8	9 45.91	66 44 23.8	65	78	
263	8	9 50.17	35 42 3.7	101	112	
264	8½	9 51.15	33 2 55.9	107	77	
	8½	51.20	54.8	93	35	
265	8	9 51.43	23 57 5.4	511	22	
	7½	51.50	2.9	34	32	
266	7½	9 56.90	36 54 13.7	101	111	
267	7½	9 56.99	71 32 11.1	495	70	
268	9½	9 58.75	40 22 36.6	110	61	
269	9	9 59.37	30 0 3.7	73	51	
270	8	10 0.29	27 6 17.1	503	54	
	7½	0.34	18.3	69	37	
271	8½	10 2.57	44 8 17.8	104	89	
272	9½	10 3.71	33 22 34.0	107	78	
273	8½	10 5.59	25 21 22.7	511	23	
274	8½	10 8.36	34 20 47.2	93	37	
275	9½	10 13.02	57 9 47.4	98	107	
276	9½	10 14.37	29 14 19.9	506	26	
	8½	14.40	22.0	73	52	
277	7	10 21.52	41 39 7.3	111	52	
278	8½	10 21.52	26 6 18.8	503	55	
	8½	21.57	19.3	69	38	
279	6½	10 23.08	77 12 37.3	497	34	
280	7	10 25.60	75 5 12.2	495	71	
281	8½	2 10 25.68	34 20 36.9	93	36	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
282	8	2 10 28.62	23 37 21.9	34	33	
283	8	10 34.05	29 9 58.2	506	27	
	8	34.25	57.6	73	53	
284	9	10 37.32	47 59 44.2	114	22	
285	9	10 37.40	55 2 3.6	98	108	
286	9	10 37.98	44 15 17.9	104	90	
287	8½	10 39.92	52 3 55.0	116	21	
	8½	40.15	55.5	119	16	
288	7½	10 45.32	37 2 57.2	30	102	
	7½	45.38	57.4	101	113	
289	9	10 47.75	60 44 40.9	62	119	
	8½	48.14	39.1	113	5	
290	9½	10 49.24	39 2 36.6	110	62	
291	8½	10 53.12	74 41 21.7	495	72	
292	7½	10 54.82	51 28 1.3	116	20	
293	9	10 56.31	38 26 3.8	30	101	
294	9	10 56.36	25 0 54.8	511	24	
	8½	56.42	55.7	69	40	
295	9	10 56.62	57 29 12.7	60	76	
296	8½	10 57.52	64 22 44.4	65	79	
297	9	10 58.47	45 19 17.9	76	26	
298	10	10 58.98	42 22 42.3	111	53	
299	8½	11 1.09	52 51 2.7	119	18	
300	9	11 3.55	63 33 3.9	86	2	
	9½	3.62	6.4	65	80	
	8½	3.62	4.3	123	1	
301	9	11 3.94	67 1 4.0	71	70	
	9	4.20	2.6	500	17	
	8	4.21	4.0	120	6	
302	8	11 6.31	76 52 0.8	497	37	
303	8½	11 9.25	60 26 22.4	86	1	
	8	9.39	22.2	123	2	
	9	9.46	23.3	62	118	
	8½	9.48	21.4	60	75	
304	8½	11 11.12	67 22 37.7	500	19	
305	8½	11 11.26	25 12 43.4	511	25	
	8	11.32	42.6	69	39	
306	7	11 18.35	52 47 25.2	119	17	
307	9½	11 20.01	76 41 36.8	497	39	
308	9½	11 22.13	47 27 55.9	114	23	
309	8½	11 22.78	35 33 45.4	101	114	
310	8	11 22.84	24 55 46.8	69	41	
311	8½	11 25.75	24 38 41.4	511	26	
312	9	11 30.54	77 16 48.5	497	36	
313	7½	11 32.58	43 50 28.7	104	91	
314	9	11 32.80	33 34 31.8	93	38	dpl.
315	9½	11 33.85	43 31 49.4	104	92	
316	6	11 37.82	68 25 31.8	71	71	
	6	37.91	32.5	120	7	
	6	38.03	30.5	500	18	
317	8	11 40.89	43 30 31.6	104	93	
318	8	11 40.96	55 51 33.2	98	109	
319	10	11 49.73	31 20 24.1	107	79	
320	9	11 51.64	22 43 57.6	34	34	
321	9	11 57.27	52 6 36.1	116	23	
	8½	57.31	38.7	119	20	
322	7½	11 58.68	31 17 58.7	509	15	dpl. II. n.sq.
	8	58.76	56.2	107	80	
323	9½	11 59.57	42 33 1.0	111	54	
324	7	12 2.13	36 33 48.8	101	115	
325	4	12 2.55	52 5 28.7	119	19	
	4	2.62	27.9	116	22	
326	9½	12 4.09	57 13 47.4	98	111	
327	9½	12 4.44	56 4 28.3	98	110	
328	9	12 4.85	67 50 35.7	71	72	
329	9	12 5.80	51 0 13.5	116	24	
330	9	12 7.85	37 42 53.1	30	103	
331	8½	12 8.60	24 18 3.0	511	27	
	8½	8.61	3.5	34	36	
332	9½	2 12 19.32	43 3 40.3	104	94	
333	9½	2 12 19.77	72 7 11.9	495	74	
334	9½	12 19.89	33 57 34.6	93	39	
335	7	12 20.75	24 12 20.2	34	35	
	7½	20.80	20.2	511	28	
336	9½	12 25.19	76 40 16.8	497	38	
	9	25.27	18.5	497	41	
337	8	12 25.91	28 57 5.0	46	21	
	8½	25.91	4.3	506	28	
338	9	12 26.21	31 2 48.9	73	54	
339	8	12 30.43	45 20 32.9	76	27	
340	9	12 30.91	30 24 12.0	73	55	
341	8½	12 35.13	31 56 45.1	107	82	
	8	35.13	46.4	509	16	
342	9½	12 42.19	64 20 34.5	65	81	
343	8½	12 46.93	31 21 58.4	107	81	
344	8½	12 47.67	54 24 11.8	119	21	
345	6	12 52.30	68 19 34.5	71	73	
	6	52.36	34.5	120	8	
	5½	52.54	32.5	500	20	
346	9½	12 53.64	39 12 39.1	110	63	
347	10	13 1.68	35 2 31.8	101	116	
348	8½	13 3.56	30 14 51.0	73	56	
349	9	13 5.63	51 16 14.9	116	25	
350	9½	13 6.03	30 15 1.5	73	57	
351	10	13 6.96	62 0 29.1	86	3	
352	8	13 11.03	27 1 2.9	503	56	
	8	11.24	1.3	69	42	
353	9½	13 11.28	33 37 35.3	93	40	
354	8½	13 19.64	38 29 59.5	30	104	
355	9	13 21.40	44 31 2.2	104	95	
356	6½	13 22.40	26 32 16.7	503	57	
	6½	22.62	16.7	69	43	
357	9	13 23.60	72 6 7.2	495	75	
358	8	13 27.41	63 58 23.1	81	1	
	8	27.52	23.0	113	6	
	8	27.65	23.7	65	82	
359	8	13 31.23	29 30 1.7	506	29	
	7½	31.26	3.5	73	58	
360	8	13 32.08	51 23 56.2	116	26	
361	7½	13 34.32	70 0 46.7	500	22	
	7½	34.45	44.6	120	10	
	7½	34.45	49.7	71	76	
362	8	13 36.70	56 49 26.5	98	112	
363	9½	13 53.93	63 59 38.7	113	7	
364	8½	13 54.18	25 52 40.3	69	44	
	9	54.23	39.6	503	58	
	9	54.27	40.9	511	29	
365	8½	13 56.75	62 2 6.8	86	4	
	8½	56.84	5.7	123	5	
366	8½	13 56.92	69 20 29.0	120	9	
	9	57.14	27.9	500	24	
367	8½	14 5.00	24 26 19.6	511	31	
368	8½	14 7.82	24 26 31.6	511	32	
369	8½	14 8.15	68 58 11.1	71	74	
	9	8.73	10.4	500	25	
370	9	14 8.76	28 19 55.8	46	22	
371	8½	14 9.83	42 35 44.4	111	55	
372	8½	14 11.49	24 12 31.6	34	37	
373	9	14 12.28	32 55 49.3	107	83	
374	8	14 17.59	39 33 10.4	110	64	
375	8½	14 18.72	58 23 48.2	60	77	
	8½	18.73	49.8	60	78	
376	8	14 19.21	34 11 41.6	93	41	
377	8½	14 19.36	25 3 18.7	511	30	
	8½	19.38	19.1	69	45	
378	8½	14 19.48	63 18 54.7	62	120	
	8½	19.61	53.9	86	5	
	8½	19.72	54.9	123	4	
	8	19.73	54.6	123	3	
379	9	2 14 21.06	32 42 30.9	107	84	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
380	8½	2 14 21.35	70 53 35.8	120	12	
	9	21.48	34.6	495	76	
	8½	21.64	33.7	500	21	
381	9	14 21.68	76 36 48.6	497	42	
382	6½	14 23.91	76 56 15.9	497	40	
383	6½	14 25.60	42 25 29.8	111	56	
384	8½	14 28.24	70 3 14.8	120	11	
	8	28.78	13.8	500	23	
	8½	28.82	13.2	71	77	
385	8	14 32.48	36 1 19.0	101	117	
386	9	14 33.21	55 26 9.1	98	115	
	8½	33.37	8.4	98	113	
387	9	14 37.65	68 46 13.2	71	75	
388	8	14 39.49	22 41 39.0	34	38	
389	8½	14 40.16	46 14 25.1	76	28	
390	8	14 44.62	54 30 46.5	119	23	
	8	44.86	47.5	98	114	
391	8	14 46.93	27 50 51.5	506	30	
	8½	46.97	49.6	503	59	
	8	46.98	51.4	46	23	
392	9	14 50.81	48 20 53.3	114	24	
393	9	14 53.20	28 16 33.9	46	24	
394	9	14 58.04	53 46 17.8	119	22	
395	9	14 59.68	29 25 37.2	506	31	
	9	59.79	35.6	73	59	
396	9½	15 0.87	30 44 30.7	509	17	
	8½	0.88	30.5	73	60	
397	8½	15 1.38	33 1 10.8	93	42	
	8½	1.44	11.0	107	85	
398	8½	15 4.43	63 49 22.5	81	2	
	9	4.60	22.3	113	8	
	9	4.69	24.5	65	83	
399	7½	15 6.05	51 21 8.0	116	27	
400	9	15 8.84	42 29 40.0	111	58	
401	9	15 11.99	64 52 26.7	81	3	
	9½	12.17	27.1	65	84	
402	8½	15 12.85	35 41 8.3	101	118	
403	9	15 14.59	41 57 46.4	111	57	
404	10	15 23.34	31 30 34.0	107	86	
405	7½	15 28.91	44 37 58.3	104	96	
406	9½	15 31.16	56 14 11.5	98	117	
407	9	15 31.58	77 16 26.9	497	43	
408	8	15 32.95	55 35 25.9	98	116	
409	8½	15 34.08	39 36 22.7	110	65	
410	8	15 39.76	47 30 5.5	114	25	
411	9½	15 42.90	39 29 32.3	110	66	
412	7½	15 43.45	68 21 48.0	500	26	
	8	43.58	50.7	120	13	
413	8	15 43.71	56 41 24.4	98	118	
414	7	15 46.55	50 52 34.8	116	28	
415	10	15 47.03	71 38 37.1	495	78	
416	6	15 51.28	56 31 7.2	98	119	
417	10	15 51.39	33 39 56.9	93	43	
418	8½	15 52.05	31 30 35.1	107	87	
	9	52.05	37.1	509	18	
419	9	15 52.09	31 6 31.6	73	61	
	9½	52.22	34.0	509	19	
420	8	15 57.57	62 31 4.2	62	121	
	8	57.60	4.4	113	10	
	8	57.67	2.8	123	6	
	8	57.74	3.3	86	6	
421	8½	16 7.54	30 10 54.8	73	62	
	9	7.55	56.1	509	20	
422	8½	16 9.90	37 34 45.6	30	105	
423	7	16 13.44	56 40 12.9	98	120	
424	9½	16 21.18	35 24 18.9	101	119	
425	9	16 21.71	72 2 33.8	495	77	
426	9	16 22.10	51 27 28.0	116	29	
427	8½	2 16 22.18	58 25 28.3	60	79	
428	7½	2 16 25.79	57 21 25.3	60	81	
429	9	16 26.12	46 2 59.5	76	29	
430	8	16 29.01	29 55 2.0	73	63	dpl. III. s.pr.
	8	29.06	1.6	509	21	
431	7	16 29.32	28 26 1.0	506	32	
	7½	29.37	1.0	46	25	
432	9½	16 31.62	36 36 32.6	101	121	
433	8½	16 32.90	25 46 7.0	69	46	
	8½	32.97	6.3	511	33	
434	10	16 37.31	63 44 1.2	65	86	
435	8½	16 38.23	64 7 9.9	81	4	
	9½	38.39	9.0	65	85	
436	7½	16 38.41	53 32 8.2	119	24	
437	8	16 42.26	61 15 15.3	123	7	
	8	42.29	16.2	86	7	
	8	42.33	16.9	113	9	
438	8½	16 45.20	39 16 39.6	110	67	
439	9	16 45.83	38 29 17.2	30	106	
440	9½	16 48.65	39 32 50.6	110	68	
441	9½	16 49.25	31 37 0.9	107	88	
442	6	16 49.35	24 23 3.6	511	34	
	5	49.38	5.2	34	39	
443	8½	16 51.18	70 27 41.8	71	78	
444	7½	16 52.54	36 40 34.2	101	120	
445	9	16 54.62	26 8 25.1	503	60	
	8½	54.67	27.1	511	36	
	8½	54.69	25.5	69	47	
446	8½	16 57.70	48 52 58.0	114	26	
447	9	16 59.33	33 31 22.0	93	44	
448	8½	17 1.42	68 15 38.8	120	14	
	8½	1.42	39.7	71	80	
	8	1.73	38.4	500	27	
449	9	17 2.87	24 26 7.5	511	35	
450	9½	17 7.08	47 9 55.0	76	30	
451	9	17 7.96	38 29 21.8	30	107	
452	9½	17 8.16	71 15 6.1	495	79	
453	8½	17 9.02	62 49 14.2	123	8	
	8½	9.12	15.1	113	11	
454	9½	17 12.34	43 32 50.1	104	97	
455	8	17 14.50	52 42 23.3	119	25	
456	10	17 14.66	49 18 30.0	114	27	
	9	14.79	32.8	116	31	
457	8	17 15.43	58 15 27.0	60	80	
458	6½	17 17.74	43 46 18.0	104	98	
459	9	17 18.38	41 5 5.4	110	70	
460	7½	17 21.67	63 7 7.0	123	9	
	8	21.85	7.3	113	12	
	7½	22.08	5.5	86	8	
461	7½	17 22.79	68 39 28.5	120	15	
	7½	22.83	28.5	71	79	
	7½	22.90	30.2	71	81	
	7½	23.01	29.2	500	28	
462	8½	17 23.91	30 29 1.7	509	22	
463	9½	17 23.92	43 26 29.2	104	99	
464	7½	17 26.20	50 5 32.2	116	30	
465	9	17 27.72	47 43 7.8	114	28	
466	9	17 27.73	32 54 16.6	107	90	
	9	27.83	19.7	93	45	
467	9½	17 27.99	65 4 35.6	65	88	
468	8	17 30.18	31 58 12.9	107	89	
469	7½	17 30.80	39 59 1.1	110	69	
470	8½	17 31.66	30 11 20.1	73	64	
	8½	31.68	20.1	509	24	
471	9½	17 34.77	47 2 16.2	114	29	
	9	34.97	13.9	76	31	
472	8	17 35.34	37 3 21.6	78	1	
	8½	35.46	22.7	30	109	
	8	35.52	21.7	101	122	
473	9	2 17 36.40	79 36 6.3	497	45	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
474	8	2 17 39.38	29 36 37.2	506	33
	8	39.54	33.2	73	65
475	9½	17 40.56	25 9 9.1	511	37
	9	40.66	11.5	69	48
476	8½	17 46.75	29 48 38.7	73	66
	9½	46.76	39.5	506	34
477	7½	17 46.99	30 26 4.5	509	23
478	7½	17 48.58	27 33 44.5	46	26
	7	48.58	45.3	503	61
479	8	17 54.37	79 46 5.7	497	46
480	8½	17 54.46	58 40 22.4	60	83
481	9	17 56.40	70 0 14.0	500	30
	8½	56.67	16.2	120	16
482	7	17 57.21	38 8 41.0	30	108
	7	57.23	40.0	78	3
483	8½	18 1.14	79 13 37.2	497	44
484	9	18 3.27	42 33 34.6	111	59
485	9½	18 4.84	34 39 0.9	93	46
486	9½	18 5.28	42 37 1.2	111	60
487	9	18 8.04	62 28 1.5	113	13
488	9	18 13.28	29 48 37.6	506	35
	8	13.43	36.6	73	67
489	8½	18 15.39	38 29 18.7	78	2
490	9	18 19.40	46 5 23.8	76	33
491	9½	18 20.51	30 2 57.9	509	25
492	9½	18 24.00	57 23 30.9	98	121
	9	24.07	34.9	60	82
493	9	18 28.20	30 0 9.8	506	36
	8	28.23	8.0	73	68
	8½	28.28	7.6	509	26
494	9	18 29.19	45 38 43.1	76	32
495	8½	18 30.52	68 41 32.5	71	82
	9	30.83	31.2	500	29
496	6	18 30.84	51 39 48.3	116	32
497	9½	18 33.61	47 42 34.2	114	30
498	8	18 34.71	60 19 41.5	86	9
	7½	34.71	44.4	60	84
	7½	34.83	42.8	123	10
499	8	18 36.71	60 32 46.8	123	11
	8½	37.03	47.3	60	85
500	8	18 37.42	64 2 16.5	81	5
	9	37.70	17.0	65	87
501	8½	18 37.54	25 39 47.1	69	49
502	9½	18 37.57	31 39 12.6	107	91
503	9	18 41.29	64 54 9.9	81	6
504	6½	18 43.15	26 24 55.6	503	62
	6½	43.18	55.7	69	50
505	8	18 48.88	54 6 41.8	119	26
506	9½	18 54.34	73 24 15.2	495	81
507	9½	18 54.43	57 24 48.2	98	122
508	9	18 55.84	37 53 52.3	78	5
	9½	56.24	56.1	30	111
509	10	18 56.99	47 27 32.3	114	32
510	9	19 1.49	49 58 42.2	116	33
511	9	19 4.96	47 32 14.6	114	31
512	9	19 9.04	73 30 38.9	495	82
513	8½	19 12.31	57 6 50.1	98	124
514	8	19 13.78	29 13 1.2	506	37
515	9	19 16.48	76 19 4.4	497	47
516	7	19 17.14	37 55 37.1	78	4
	7	17.19	37.5	30	110
517	7½	19 20.32	30 25 43.6	73	69
	8½	20.41	45.7	509	27
518	8½	19 22.82	35 20 44.2	101	123
519	8½	19 24.51	48 29 2.6	114	33
520	8½	19 24.71	57 6 57.5	98	125
521	9½	19 27.49	44 57 18.1	76	35
522	7	2 19 28.74	57 22 53.3	98	123
	7	28.80	55.1	60	86
	7	28.82	55.0	128	1

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
523	4	2 19 31.69	69 13 40.7	500	31
	4	31.70	43.5	71	83
	4	31.86	44.0	120	17
524	6	19 31.95	41 24 39.1	110	71
	6	31.97	40.4	111	61
525	8½	19 33.25	44 53 40.3	76	36
	8	33.62	39.7	104	100
526	7	19 33.75	56 11 12.2	128	2
527	9	19 34.08	78 39 45.4	497	48
528	9	19 38.29	30 55 30.1	509	28
529	8½	19 38.76	72 52 51.5	495	80
530	9	19 39.31	66 46 43.6	81	7
	10	39.56	42.6	65	89
531	8	19 41.72	73 52 55.6	495	83
532	9	19 42.18	52 20 9.4	119	27
533	9	19 45.02	26 28 22.8	126	1
	9	45.04	23.4	503	63
	8½	45.12	22.6	69	51
	8½	45.16	24.9	69	52
534	7½	19 45.58	36 26 54.3	101	124
535	8½	19 46.15	45 42 23.8	76	34
536	9	19 48.10	35 8 7.4	93	47
	8½	48.25	6.5	101	125
537	8	19 48.54	53 22 39.6	119	28
538	8	19 52.93	24 32 9.5	511	38
	7½	52.97	10.4	34	40
539	8½	19 55.49	30 6 38.9	73	70
	8½	55.49	44.0	506	38
540	7½	19 57.54	42 43 35.3	111	62
541	9	20 0.71	29 32 59.9	506	39
542	8	20 5.98	54 37 30.5	119	29
543	8	20 8.07	33 17 18.2	107	92
	9	8.10	19.0	93	50
544	8½	20 8.61	27 42 30.9	503	64
	8	8.69	32.7	46	27
	8½	8.69	30.8	126	2
545	8	20 10.38	34 37 0.8	93	48
546	7	20 11.70	24 24 25.5	34	41
	7½	11.83	25.9	511	39
547	8	20 14.14	32 21 46.9	107	94
548	9	20 17.02	33 44 37.3	93	49
549	8½	20 17.07	33 23 54.2	107	93
550	8½	20 18.32	73 54 38.7	495	84
551	8½	20 18.64	29 19 27.7	73	71
552	8	20 35.70	24 26 43.5	34	42
	8	35.82	43.1	511	40
553	8½	20 35.92	62 20 5.6	113	15
	8	35.92	5.2	123	12
554	8	20 36.25	37 51 35.2	78	6
	8½	36.27	37.1	30	112
	8½	36.30	36.2	78	7
555	9½	20 38.30	63 1 9.9	86	10
	9½	38.33	13.0	113	14
556	9	20 42.15	28 0 15.7	46	28
557	9	20 50.08	53 30 57.0	119	31
558	9	20 50.31	29 42 17.9	506	40
	8½	50.47	19.0	73	72
559	9½	20 50.86	42 44 2.6	111	63
560	8	20 51.72	54 47 57.9	501	1
	8	51.77	55.0	98	126
	7½	52.01	57.2	128	3
561	8½	20 54.25	49 49 2.2	116	34
562	9	20 55.06	49 3 15.8	114	34
563	8½	21 3.69	23 32 3.9	34	43
564	8	21 4.37	65 54 7.3	81	8
	8½	4.47	6.2	65	90
565	9	21 5.12	70 2 19.8	120	18
566	9½	21 9.51	34 10 36.0	93	52
567	9½	21 19.48	59 42 53.9	60	87
568	9	2 21 20.55	36 15 12.5	101	126

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
569	8½	2 21 22.04	69 36 5.5	71	84	
570	8	21 23.42	64 17 36.4	65	91	
571	9½	21 23.89	34 18 0.2	93	51	
572	6	21 24.21	60 52 20.5	86	12	
	6	24.52	18.3	113	16	
573	8½	21 24.63	32 5 59.2	509	29	
574	9	21 25.59	62 23 59.9	123	13	
575	8½	21 26.02	62 1 33.4	113	18	
	8½	26.03	31.3	86	11	
	8	26.09	32.3	123	14	
576	8½	21 37.69	27 22 56.3	46	29	
	9	37.89	54.2	126	3	
	9	37.92	55.6	503	65	
577	8½	21 39.81	53 31 37.0	119	30	
578	8	21 41.21	40 8 59.0	110	72	
579	9½	21 41.40	60 54 6.0	113	17	
	9½	41.64	6.4	86	13	
580	9	21 44.15	36 48 41.1	101	128	
581	8	21 49.70	41 55 47.3	111	64	
582	9	21 50.37	68 43 3.8	71	86	
	9	50.46	4.1	120	19	
583	9½	21 50.60	47 3 1.6	114	35	
584	9	21 50.70	45 59 56.6	76	38	
585	9½	21 52.05	37 30 16.3	78	8	
586	9	21 52.69	36 43 58.8	101	127	
587	9	21 57.04	28 11 21.7	503	66	
	8½	57.05	23.9	46	30	
	9	57.13	20.9	506	41	
588	10	22 2.02	32 7 32.7	509	30	
589	9½	22 3.08	53 50 45.0	119	33	
590	7½	22 3.97	46 33 43.5	76	37	
591	6½	22 8.58	74 12 41.2	495	85	
592	7½	22 19.91	52 15 53.8	119	34	
593	8½	22 20.36	53 52 39.9	119	32	
594	9	22 21.10	68 42 48.5	71	85	
	9	21.50	46.8	120	20	
595	8½	22 24.00	30 16 20.4	73	73	
596	4	22 24.26	48 15 54.2	114	36	
597	8	22 25.11	34 27 27.5	93	53	
598	8½	22 26.43	29 21 27.4	506	42	
599	9	22 28.33	60 33 39.6	60	88	
600	9½	22 28.97	61 48 46.5	86	14	
	9	29.05	47.2	123	15	
601	9	22 30.57	78 12 51.7	497	49	
602	7½	22 33.66	31 0 5.6	509	31	
603	8	22 38.30	37 15 15.8	78	9	
	9	38.47	19.7	30	113	
	8½	38.53	16.7	101	129	
604	9½	22 38.91	63 45 28.1	65	93	
605	9½	22 39.95	55 6 1.8	98	127	
606	8	22 41.21	26 59 31.2	503	67	
	8	41.29	30.9	126	4	
607	5	22 44.36	34 22 17.4	93	54	
608	9	22 48.72	48 1 58.9	114	37	
609	9½	22 49.55	41 44 32.3	111	65	
610	7	22 51.50	67 3 23.3	81	10	
	7	51.77	27.8	120	21	
611	9	22 54.77	59 39 1.2	60	89	
612	9½	22 55.76	30 10 39.1	73	75	
	9½	55.91	39.6	509	33	
613	9	22 58.77	30 12 20.0	73	74	
	9	58.80	21.2	509	32	
614	8	22 59.93	45 36 25.4	76	39	
615	8	2 23 2.90	63 28 41.6	123	16	
	9	3.10	42.1	113	19	
	8	3.11	43.4	81	9	
	8½	3.23	40.6	86	15	
	8½	3.34	44.4	65	92	
616	7½	2 23 5.53	36 54 5.1	78	10	
	7½	5.65	5.5	30	114	
	7½	5.68	4.3	101	130	
617	9	23 8.18	29 50 1.1	506	43	
618	9½	23 8.23	68 36 8.8	120	23	
	9	8.33	8.0	71	87	
619	8	23 9.74	68 19 55.4	120	22	
620	9	23 9.84	50 27 5.5	116	35	
621	9	23 11.58	25 32 27.1	126	5	
622	6½	23 12.24	31 39 40.5	107	95	
	6½	12.34	40.4	509	34	
623	8½	23 13.07	25 22 15.6	126	6	
	9	13.32	14.9	511	41	
624	9½	23 15.72	33 29 23.0	93	55	
625	9	23 19.78	31 47 7.1	107	96	
626	8	23 21.25	23 45 56.4	34	44	
627	8	23 22.02	42 58 59.6	512	1	
	8½	22.07	59.2	111	66	
	7½	22.07	59.6	104	101	
628	9½	23 30.71	50 22 39.5	116	36	
629	8½	23 34.46	27 57 55.6	46	31	
	9	34.52	56.7	506	44	
	9	34.61	54.4	503	68	
630	9	23 40.25	39 31 12.1	110	75	
	9	40.49	11.0	110	73	
631	8	23 41.98	27 48 61.8	506	45	
	8½	42.09	59.1	503	69	
	8	42.13	60.2	46	32	
632	9	23 43.01	22 51 45.1	34	45	
633	8½	23 44.31	45 34 55.7	76	40	
634	9½	23 44.66	32 11 29.6	107	97	
635	9	23 44.75	36 14 36.4	101	131	
636	8	23 44.93	75 0 2.6	495	86	
637	7	23 46.88	50 51 49.5	116	37	
638	10	23 48.35	44 47 17.6	104	103	
	9	48.50	19.3	512	2	
639	8	23 51.92	24 39 47.7	511	42	
640	9	23 52.47	37 20 27.9	78	12	
	9	52.92	27.9	78	11	
641	8½	23 54.42	40 59 38.4	111	67	
	8	54.49	38.1	110	74	
642	9½	24 1.82	58 35 26.0	60	91	
643	8½	24 3.82	44 40 25.6	104	102	
	8½	3.84	25.7	512	3	
644	7½	24 11.16	36 29 55.4	101	132	
645	6½	24 12.84	23 14 27.9	34	46	
646	7½	24 14.49	58 41 56.4	60	90	dpl. III. s.
647	7½	24 15.19	69 11 46.8	71	88	
	7½	15.21	48.8	120	24	
648	8	24 16.01	36 42 21.3	101	133	
649	9	24 17.10	26 39 40.0	126	7	
	9	17.13	39.8	503	70	
650	8	24 17.69	42 37 54.5	111	69	
651	9½	24 20.93	55 56 31.5	98	128	
652	9	24 21.57	51 51 53.9	116	38	
	9	21.65	53.8	119	35	
653	9	24 32.20	62 32 36.3	86	16	
	9	32.35	36.0	113	20	
	8½	32.36	37.4	123	17	
654	9	24 32.49	38 21 55.4	78	13	
655	9½	24 34.82	30 17 59.4	509	35	
656	7	24 36.49	25 44 38.5	126	8	
	6½	36.57	40.0	511	43	
657	9	24 39.83	57 21 9.3	60	92	
	9	39.88	11.0	501	2	
	8½	40.00	8.2	128	4	
658	9	24 43.16	56 10 9.1	98	129	
659	9	2 24 45.02	69 24 3.4	120	25	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
660	8	2 24 48.25	56 59 43.7	501	3	
	8½	48.51	42.5	98	130	
	7½	48.56	45.7	128	5	
661	6	24 50.77	23 6 2.6	34	47	
662	9½	24 50.91	42 24 54.6	111	68	
663	9	24 52.07	65 20 12.7	65	95	
664	9	24 52.58	50 28 11.7	116	39	
665	8½	24 55.49	27 18 25.6	46	33	
	9	55.66	23.1	503	71	
666	8½	24 56.77	33 39 53.3	93	56	
667	8½	24 56.93	30 54 26.6	509	36	dpl. II. n.sq.
668	8½	24 59.43	61 51 48.3	123	18	
669	9½	25 0.22	29 13 2.2	506	47	
	9	0.37	2.4	73	76	
670	9	25 2.56	29 11 37.8	506	46	
	8½	2.61	37.8	73	77	
671	6½	25 9.28	64 51 31.0	65	94	
	6½	9.29	32.2	81	11	
672	9½	25 12.46	72 3 7.8	495	88	
673	8½	25 13.33	25 13 50.9	511	44	
	9	13.39	52.8	126	9	
674	10	25 14.51	47 10 32.8	114	38	
675	9	25 14.58	31 50 5.1	107	98	
	8½	14.71	5.0	509	37	
676	9	25 17.26	70 27 57.0	120	28	
677	9	25 20.64	43 48 4.4	104	104	
	9	20.74	5.2	512	4	
678	7½	25 26.98	66 7 15.0	81	12	
	7½	27.23	11.5	65	96	
679	9	25 28.06	25 48 51.7	126	10	
	8½	28.16	51.0	511	45	
680	8	25 28.37	33 33 45.3	93	57	
681	8½	25 30.94	49 22 10.4	116	40	
	8½	31.00	7.7	114	39	
682	8½	25 32.14	38 46 12.5	78	14	
683	10	25 33.02	42 48 24.1	111	70	
	9½	33.10	22.8	104	105	
	9	33.25	23.7	512	5	
684	8½	25 33.30	51 17 25.4	116	41	
685	9	25 35.94	77 22 8.3	497	50	
686	9	25 36.86	29 20 27.2	506	48	
	8½	37.04	26.1	73	78	
687	9	25 41.42	66 29 12.2	81	13	
688	9½	25 50.15	58 21 38.3	60	93	
689	9½	25 50.73	62 39 18.5	86	18	
690	8½	25 52.46	61 28 13.2	86	17	
	8	52.63	13.6	123	19	
691	7½	25 54.07	70 4 59.6	71	89	
	7½	54.08	60.6	120	27	
692	8½	25 58.07	66 37 57.6	81	14	
693	9½	25 59.49	27 56 33.2	506	50	
	9	59.61	33.6	46	35	
	9½	59.70	31.1	503	73	
694	9	26 1.87	69 36 20.3	120	26	
695	8	26 2.17	28 3 35.0	46	34	
	8	2.21	35.8	506	49	
	8	2.29	34.6	503	72	
696	9	26 5.70	48 29 9.9	114	40	
697	7	26 6.53	51 55 51.9	116	42	
	7½	6.70	52.0	119	37	
698	8	26 8.00	52 15 46.9	119	36	
699	8	26 11.78	32 35 56.6	107	99	
700	8	26 19.30	46 13 22.5	76	41	
701	7½	26 19.50	23 38 20.1	34	48	
702	9½	26 22.23	40 52 60.3	111	71	
	9	22.35	59.4	110	77	
703	9	26 26.78	47 59 49.4	114	41	
704	8½	2 26 28.57	31 29 49.0	107	101	
	9	28.58	48.8	509	38	
705	9	2 26 29.68	51 59 35.2	119	38	
	8½	29.68	35.5	116	43	
706	9	26 30.37	77 44 0.2	497	51	
707	7	26 32.76	58 21 55.1	60	94	
708	8½	26 39.58	31 59 54.0	107	100	
	9	39.60	53.7	509	39	
709	9½	26 40.02	74 37 49.8	495	87	
710	9	26 41.32	59 40 37.7	60	95	
711	9½	26 42.33	40 16 31.1	110	76	
712	8½	26 42.69	52 33 20.3	119	39	
713	9	26 42.81	60 53 10.6	123	20	
714	7½	26 42.91	28 20 37.4	506	51	
	8	42.99	35.6	46	37	
715	9	26 45.17	37 28 42.3	78	15	
716	8½	26 45.97	23 52 55.0	34	49	
	8½	46.07	56.6	511	46	
717	7	26 52.21	33 9 33.3	93	58	
718	7½	26 58.05	27 33 21.2	126	11	
	7½	58.13	18.5	503	74	
	7½	58.18	21.1	46	36	
719	9½	26 59.25	40 52 25.1	110	78	
720	9	26 59.61	24 36 24.2	511	47	
721	6½	27 5.64	36 58 49.4	78	16	
	6½	5.73	48.7	129	1	
	6½	5.80	51.3	30	115	
	6½	5.88	50.8	101	134	
722	9	27 6.22	66 30 17.5	81	15	
723	9½	27 9.49	43 49 5.0	104	106	
	9	9.53	4.9	512	6	
724	8½	27 12.70	52 22 35.2	119	40	
725	9½	27 16.07	63 25 25.9	86	19	
726	8	27 18.40	60 27 6.6	123	21	
727	9½	27 34.20	27 48 53.7	506	52	
	9½	34.31	54.2	503	75	
728	7½	27 37.22	46 25 20.4	76	42	
729	8½	27 39.19	66 20 32.1	81	16	
730	9	27 39.95	51 34 43.9	116	45	
731	8	27 43.80	26 50 30.6	126	12	
	8	43.85	30.2	503	76	
	7½	43.99	32.8	69	53	
732	8½	27 45.30	57 9 14.3	501	4	
	8½	45.49	13.1	128	6	
733	7½	27 47.02	76 17 53.4	497	53	
734	8½	27 47.51	26 46 59.4	69	54	
	9	47.65	58.4	503	77	
	9½	47.65	58.9	126	13	
735	9½	27 48.38	76 35 44.7	497	52	
736	8	27 49.40	63 8 50.1	86	20	
	7½	49.41	50.9	123	22	
737	7½	27 50.92	69 9 53.6	71	90	
	7½	51.04	53.4	120	31	
738	7½	27 51.08	59 42 10.4	60	96	
739	9½	27 53.74	31 13 25.7	509	40	
740	6	27 54.08	35 11 61.3	516	1	
	6	54.17	61.2	129	2	
	6	54.26	59.5	93	59	
	6	54.37	62.4	101	135	
741	8	27 55.88	32 16 11.5	107	102	
742	8½	27 56.33	37 44 28.1	78	17	
743	8½	27 56.82	63 9 47.6	123	23	
	9	57.06	47.1	86	21	
744	7½	27 59.35	64 35 58.9	81	17	
745	9	27 59.38	73 5 15.2	495	92	
746	9	28 0.76	26 7 43.3	126	14	
	9	0.86	43.2	503	78	
	9	1.00	44.2	514	1	
747	8	28 3.06	59 25 27.7	60	97	
748	9	2 28 3.25	39 53 41.7	110	79	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
749	8½	2 28 6.22	71 9 37.3	495	90	
	8½	6.24	39.9	120	30	
750	9½	28 11.79	50 58 23.2	116	44	
751	8	28 12.98	25 37 43.7	69	55	
	8½	13.17	39.9	511	48	
752	8½	28 13.16	45 44 42.1	76	44	
753	9	28 15.98	51 50 17.5	119	41	
	9	16.09	18.4	116	46	
754	9	28 17.01	71 14 22.6	120	29	
	9½	17.19	21.2	495	89	
755	10	28 17.83	63 30 42.5	86	23	
756	7½	28 19.52	33 22 36.6	107	103	
	8	19.60	35.9	93	60	
757	9	28 19.53	46 42 16.3	76	43	
758	8½	28 21.57	28 47 0.5	506	53	s. pr.
759	5½	28 22.25	28 46 57.0	46	38	n. sq.
	5	22.26	56.2	506	54	
	5½	22.35	57.0	73	80	
760	7½	28 24.42	30 29 8.7	509	41	
	7½	24.56	7.4	73	79	
761	8	28 26.37	59 40 13.7	60	98	
762	8	28 27.01	29 58 32.9	506	55	
763	9	28 27.44	36 40 10.2	101	136	
764	7½	28 30.27	37 57 26.7	78	18	
765	9	28 31.50	45 52 5.9	76	45	
766	9½	28 35.10	39 43 31.2	110	80	
767	8½	28 35.91	32 44 58.5	107	104	
768	9	28 36.41	71 28 5.8	495	91	
769	8	28 50.15	32 4 18.4	107	105	
	8	50.17	18.6	509	42	
770	9	28 52.11	64 32 0.2	81	18	
771	7½	28 52.46	33 39 50.0	93	61	
772	8	28 59.46	23 41 35.7	34	50	
773	9½	28 59.49	73 48 45.6	495	93	
774	8	29 1.74	68 31 11.6	120	32	
775	8½	29 1.85	52 29 39.9	119	42	
776	8½	29 3.37	25 55 43.0	514	2	
	8½	3.39	39.0	511	49	
	8½	3.39	41.4	503	79	
	8½	3.41	43.7	126	15	
	8½	3.42	41.5	69	56	
777	9½	29 6.82	42 25 24.1	111	72	
778	8	29 7.51	30 29 54.5	509	43	
779	8½	29 7.54	77 58 25.7	497	56	
780	8½	29 7.94	33 16 0.8	93	62	
781	8	29 11.31	63 33 23.3	123	24	
	8½	11.48	23.9	86	22	
782	8½	29 12.84	38 3 0.4	78	19	
783	8½	29 14.02	48 56 19.1	114	43	
784	9	29 22.41	47 24 17.7	114	44	
785	9	29 23.16	33 0 58.8	93	63	
	8½	23.20	59.5	107	106	
786	9	29 23.78	45 53 37.2	76	46	
787	10	29 24.80	42 51 5.1	104	107	
788	8½	29 29.03	37 57 17.8	78	20	
789	8½	29 29.35	27 18 35.7	46	39	
	9	29.47	34.1	503	80	
	9	29.53	37.0	126	16	
790	9	29 30.66	57 34 31.9	501	5	
	9	30.68	32.8	128	7	
	9	30.80	32.9	60	99	
791	7½	29 35.78	49 21 32.6	116	49	
	9½	35.79	29.5	114	42	
792	9	29 37.28	44 20 3.6	104	108	
	8½	37.31	4.3	512	7	
793	6½	29 39.29	51 38 29.5	116	48	
794	9½	29 43.68	39 11 53.5	110	81	
795	8	2 29 43.94	29 14 42.1	73	81	
	7½	43.96	43.5	506	56	
796	9	2 29 44.97	51 40 27.1	116	47	
797	9	29 50.95	34 4 20.9	93	64	
798	8	29 52.90	28 35 8.1	506	57	
	8½	52.96	8.7	46	40	
799	8½	30 0.70	76 22 6.7	497	54	
800	9½	30 2.56	35 31 45.0	101	137	
801	8½	30 3.41	66 56 5.9	81	19	
	9½	3.99	6.4	120	33	
802	8	30 6.72	38 21 7.1	78	21	
803	7	30 9.66	42 39 34.5	111	73	
804	9	30 9.79	52 20 42.2	119	43	
805	9½	30 9.92	40 32 31.2	110	82	
806	8½	30 12.21	59 14 10.2	60	100	
807	8½	30 12.48	27 14 34.7	46	41	
	8½	12.51	33.1	503	81	
808	9½	30 17.74	35 30 57.2	101	138	
809	8	30 21.43	24 4 4.3	514	3	
	8	21.49	2.5	34	51	
	8	21.68	4.0	511	50	
810	9½	30 24.02	63 6 7.0	86	24	
	9½	24.26	9.8	123	27	
811	9	30 28.24	27 14 43.4	46	42	
	9½	28.38	41.7	503	82	
812	6½	30 29.61	63 8 9.8	123	26	
	7	29.74	7.2	86	25	
813	8	30 30.15	76 20 15.2	497	55	
814	9	30 32.55	25 38 24.4	69	57	
	9	32.60	22.4	126	17	
815	6½	30 32.61	61 31 52.1	123	25	
	7	33.00	51.7	86	26	
816	9½	30 35.13	26 11 43.8	503	83	
817	9	30 38.49	40 26 7.3	110	83	
818	8½	30 38.79	70 9 16.9	120	35	
819	8½	30 40.20	29 28 23.4	73	83	
820	8	30 40.45	28 45 57.4	506	58	
	8	40.56	56.5	46	43	
821	6	30 45.86	30 35 25.8	73	82	
	6	45.96	25.2	509	44	
822	8½	30 50.22	66 11 18.3	81	21	
823	8	30 51.55	24 27 49.7	514	4	
	8	51.86	47.9	511	51	
824	8	30 54.06	70 39 56.7	71	91	
825	9	30 54.87	35 46 15.0	516	2	
826	8½	30 59.02	45 36 55.3	76	47	
827	8½	31 2.96	37 59 54.0	78	22	
828	8	31 6.16	36 40 28.4	129	3	
829	10	31 8.30	49 38 11.7	114	45	
830	8	31 13.37	25 33 56.5	514	5	
	7½	13.46	57.0	69	58	
831	9½	31 13.65	26 14 40.9	503	84	dpl. I.
832	7	31 15.50	51 23 55.0	116	51	
833	9	31 16.42	32 23 43.8	107	107	
834	8½	31 16.69	65 2 17.4	81	20	
835	8½	31 16.97	50 6 37.7	116	50	
836	8	31 17.67	24 48 26.0	69	59	
	8½	17.93	26.4	514	6	
837	8	31 18.98	39 16 30.8	110	84	
838	9	31 23.16	59 54 48.8	60	101	
839	9	31 26.47	70 17 33.1	120	36	
840	9	31 26.93	66 9 25.4	81	22	
841	8	31 27.04	45 18 15.2	76	48	
842	9	31 31.62	37 51 34.9	78	23	
843	9½	31 32.39	47 37 43.5	114	48	
844	9	31 32.49	48 58 4.4	114	46	
845	9	31 32.80	61 36 25.8	86	27	
	8½	32.87	25.5	123	28	
846	9	31 32.84	53 25 16.9	119	44	
847	9½	31 36.44	47 44 52.1	114	47	
848	7	2 31 38.07	36 22 19.2	129	4	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
849	7½	2 31 38.70	29 32 13.0	506	59	
	7	38.82	11.7	73	84	
850	9	31 40.96	69 44 48.8	120	34	
851	9	31 41.17	31 28 37.0	107	108	
	8½	41.24	38.2	509	45	
852	9	31 42.89	24 15 59.5	34	52	
	9	43.14	57.2	514	7	
853	7	31 43.52	35 51 50.4	516	3	
854	8½	31 44.03	45 16 7.7	76	49	
855	6	31 47.01	35 6 46.1	516	4	
	6	47.24	44.5	93	65	
856	9	31 50.40	60 13 49.3	60	102	
857	9	31 52.81	43 49 35.3	512	8	
858	9	31 52.81	27 31 17.0	503	85	
859	10	31 54.22	34 9 5.0	93	67	
860	8½	31 56.25	53 35 25.6	119	45	
861	9	31 59.93	32 1 46.3	509	46	
	9	60.02	46.9	107	109	
862	8	32 1.13	61 22 54.4	123	29	
	8½	1.29	51.4	86	28	
863	9½	32 1.96	32 49 35.5	107	110	
864	8	32 2.32	62 56 42.1	123	30	
	8½	2.42	44.4	86	29	
865	6½	32 4.92	23 32 10.9	34	53	
866	8½	32 5.60	66 20 12.9	81	23	
867	8½	32 5.97	39 27 35.2	110	85	
868	9	32 7.00	34 11 34.8	93	66	
869	9	32 7.51	73 14 30.1	495	94	
870	7½	32 9.11	67 10 10.0	71	92	
871	8½	32 15.28	29 52 2.4	506	60	
	8½	15.42	2.5	73	85	
872	9½	32 15.50	32 48 49.7	107	111	
873	8	32 16.20	72 59 34.4	495	96	
874	8½	32 18.73	43 30 24.5	512	9	
875	8½	32 20.37	22 40 28.8	34	54	
876	9	32 20.60	62 51 27.5	123	31	
	9½	20.80	26.0	86	30	
877	9	32 22.64	56 3 36.4	501	6	
	9	22.92	35.8	128	8	
878	8½	32 22.71	79 2 25.4	497	57	
879	8½	32 24.22	41 17 14.8	110	86	
	8	24.22	15.5	111	74	
880	9½	32 24.94	31 6 51.4	509	47	
881	8	32 30.69	36 42 7.1	516	6	
	7½	30.87	7.0	129	5	
882	8	32 32.37	71 18 52.2	495	99	
883	8½	32 32.64	37 31 4.9	78	24	
884	8½	32 33.05	35 4 50.5	516	5	
885	8½	32 35.10	73 13 6.1	495	95	
886	9½	32 36.69	59 34 40.0	60	104	
887	7½	32 39.73	34 13 11.8	93	68	
888	9	32 45.75	38 21 14.2	78	25	
889	7	32 46.78	72 53 39.8	495	97	
890	9	32 48.99	62 9 59.1	123	32	
891	9	32 50.33	41 22 22.0	111	75	
	9	50.37	20.8	110	87	
892	9	32 51.23	63 7 38.5	86	31	
893	8	32 54.70	47 11 20.6	114	49	
	7½	54.78	19.6	76	50	
894	6	32 55.15	30 43 56.7	73	86	
	6	55.24	58.6	509	48	
895	8	32 55.36	43 46 42.5	512	10	
896	9	32 56.88	44 13 4.0	512	11	
897	9½	32 59.06	39 18 39.3	110	88	
898	9	33 2.62	47 56 3.5	114	50	
899	9	33 2.75	30 51 26.3	73	87	
900	9	33 2.79	25 47 35.5	69	60	
901	9½	33 3.16	53 6 2.2	119	46	
902	9½	33 6.16	47 53 24.3	114	51	
903	9	2 33 6.78	32 36 15.7	107	112	
904	8½	2 33 10.78	46 9 41.7	76	51	
905	8½	33 14.99	25 54 19.0	503	86	
	8½	15.08	22.3	514	8	
	8	15.25	22.7	69	61	
906	9	33 16.06	59 56 43.0	60	103	
907	5½	33 17.05	53 5 6.1	119	47	
908	9	33 17.61	28 3 10.0	506	61	
	8½	17.82	10.7	46	44	
909	9½	33 19.23	40 34 3.6	110	89	
910	9	33 21.14	68 42 20.0	120	37	
911	7	33 21.80	42 26 49.4	111	77	
912	7½	33 21.91	26 16 58.3	503	87	
	7	21.99	60.4	69	62	
913	6½	33 22.31	38 31 45.5	78	26	
914	9	33 22.39	78 54 55.7	497	58	
915	9½	33 23.20	53 25 1.3	119	48	
916	8½	33 24.62	28 42 19.9	46	46	
917	7	33 24.80	42 5 42.1	111	76	
918	8	33 24.87	31 8 23.8	509	49	
	7½	24.89	24.9	107	113	
	8	24.89	22.9	73	88	
919	9	33 28.70	56 1 40.4	501	7	
	9½	28.82	42.6	128	9	
920	8	33 30.78	24 52 38.5	514	9	
921	9	33 31.73	37 29 42.2	78	27	
922	8½	33 36.64	26 51 1.5	503	88	
	8½	36.70	2.4	69	64	
923	7½	33 37.08	28 21 36.4	506	62	
	7½	37.15	35.0	46	45	
924	8	33 43.95	28 50 14.8	46	47	
	8	43.95	15.8	506	63	
	8	44.15	18.0	73	89	
925	7	33 51.01	76 26 25.8	497	60	
926	7½	33 51.26	45 16 27.9	76	52	
927	8	33 52.11	45 14 52.7	76	53	
928	7½	33 52.39	74 34 7.9	495	101	
929	7½	33 52.72	26 6 33.5	514	10	
	8	52.81	31.5	503	89	
	7½	52.98	32.2	69	63	
930	9½	34 1.27	57 7 26.4	128	10	
931	9	34 3.27	62 8 55.2	123	33	
932	8	34 3.84	44 41 41.5	512	12	
933	8	34 16.77	24 28 8.0	34	55	
934	8	34 19.14	37 28 24.3	78	28	
935	8½	34 20.03	25 1 3.1	514	11	
936	9	34 22.50	26 51 32.7	69	65	
	9	22.60	31.1	503	90	
937	5½	34 22.59	79 39 15.3	497	59	
938	7½	34 24.38	35 2 55.8	129	6	
	8½	24.42	56.8	93	69	
	8	24.43	58.0	516	7	
939	9	34 28.85	26 2 14.8	503	91	
940	8	34 31.19	28 36 18.4	46	48	
	8½	31.24	17.8	506	64	
941	9½	34 31.67	63 36 21.4	86	32	
942	8½	34 33.67	41 16 21.9	111	78	
	9	33.78	20.6	110	90	
943	8½	34 34.47	34 25 28.3	93	70	
944	8½	34 34.95	44 20 24.2	512	13	
945	7½	34 37.28	37 25 25.4	78	29	
946	7	34 37.58	35 33 47.0	129	7	
	7	37.62	46.6	516	8	
947	8½	34 39.73	36 3 2.9	516	9	
	8½	39.93	2.9	129	8	
948	8	34 40.24	53 29 30.5	119	49	} dpl.
949	8½	34 41.03	53 29 37.2	119	50	
950	6½	34 41.71	31 10 10.0	107	114	
	6½	41.80	10.9	73	90	
	6½	41.86	10.0	509	50	
951	9	2 34 49.00	71 20 55.2	495	98	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
952	8½	2 34 50.97	59 33 18.0	60	105	
953	8½	34 51.06	40 32 24.0	110	91	
954	8½	34 54.99	24 40 25.1	34	56	
	8	55.30	23.8	514	12	
955	9	34 58.60	49 40 23.4	116	52	
	9½	58.83	19.7	114	52	
956	9½	35 1.19	57 33 40.6	501	10	
	9½	1.21	41.3	128	11	
957	5	35 1.89	43 25 43.4	512	14	
958	8½	35 2.95	53 41 16.5	119	52	
959	9	35 3.00	55 22 51.7	501	8	s.pr.
	9	3.02	52.2	128	12	
960	7	35 3.85	53 28 32.0	119	51	
961	8	35 3.90	55 22 32.1	501	9	n.sq.
	7½	3.97	32.9	128	13	
962	7½	35 4.60	49 41 11.1	116	53	
	8½	4.65	9.4	114	53	
963	8½	35 9.18	45 1 9.9	76	54	
964	9	35 10.45	46 29 32.7	76	55	
965	8	35 11.25	30 40 30.1	73	91	
	8	11.51	30.7	509	51	
966	7½	35 11.90	32 0 15.2	107	115	
	7½	11.90	15.3	509	52	
967	8½	35 17.40	75 2 23.2	495	102	
	8½	17.80	24.8	497	61	
968	8	35 24.16	61 55 9.5	123	34	
	8½	24.27	9.6	86	33	
	8	24.40	10.9	123	37	
969	7½	35 26.73	37 1 51.6	516	10	
	7½	26.74	50.8	78	30	
970	8½	35 32.78	25 1 56.0	514	13	
	8	33.23	56.5	69	66	
971	9½	35 39.41	33 12 29.2	93	71	
	9½	39.55	30.9	107	116	
972	9	35 43.90	54 57 13.8	501	11	
	9	43.95	15.2	128	14	
973	4½	35 44.12	40 23 21.8	110	92	
974	8½	35 47.00	37 14 59.0	78	31	
975	8½	35 48.33	71 41 10.9	495	100	
976	9	35 49.32	59 55 5.2	60	106	
977	8	35 49.80	79 34 48.2	497	64	
978	7	35 50.45	67 50 23.8	120	39	
979	9	35 50.82	36 25 49.1	516	11	
	8½	50.99	47.8	129	9	
980	9	35 57.30	25 21 48.9	514	14	
	8½	57.47	50.7	69	67	
981	7½	36 2.18	41 50 8.3	111	79	
982	8	36 2.90	61 5 2.5	86	34	
983	8½	36 3.88	28 3 6.0	506	65	
	8½	3.99	5.5	46	49	
	8½	4.16	4.4	503	92	
984	9	36 8.66	45 42 13.2	76	56	
985	9	36 17.07	30 50 47.0	73	94	
	9½	17.19	46.6	509	53	
986	7½	36 17.65	30 35 44.7	73	92	
987	8½	36 17.99	23 8 25.0	34	57	
988	7	36 18.22	60 6 14.4	60	107	
989	9	36 19.97	42 34 21.1	111	80	
990	9	36 20.29	33 38 22.1	93	72	
991	9	36 22.90	70 39 18.8	120	38	
992	7½	36 23.20	60 6 19.0	60	108	
993	8	36 24.21	52 19 18.8	119	54	
994	9	36 26.21	53 20 40.7	119	53	
995	9½	36 27.37	50 57 49.5	116	54	
996	8	36 27.71	53 12 11.0	60	110	
997	8½	36 28.76	38 19 33.4	78	32	
998	8½	36 30.39	62 4 10.4	123	36	
	9	30.85	9.6	86	35	
999	8½	2 36 30.73	28 29 5.7	46	50	
	9	30.81	4.5	506	66	
1000	7½	2 36 31.07	30 56 19.7	73	93	
	8	31.10	21.2	509	54	
1001	9	36 31.23	29 4 55.2	506	67	
1002	9	36 34.74	74 55 15.1	495	103	
	9	35.54	15.8	497	62	
1003	9	36 34.24	65 52 11.1	81	25	
1004	8	36 34.82	39 7 58.2	110	93	
1005	9	36 35.56	34 44 18.6	93	73	
1006	9	36 36.19	25 50 30.6	503	94	
	8½	36.24	30.3	514	15	
	8½	36.24	31.7	69	68	
1007	9	36 39.07	36 8 12.0	516	12	
1008	8½	36 41.10	27 53 43.3	503	93	
	8½	41.20	46.4	46	51	
1009	5½	36 46.27	55 5 10.1	501	12	
	5	46.50	8.9	128	15	
1010	8½	36 49.02	63 13 56.0	86	37	
1011	6½	36 50.58	64 49 8.8	81	24	
1012	8½	36 52.72	35 22 0.7	516	14	
1013	8	36 53.05	26 25 29.8	69	71	
1014	9	36 53.41	51 58 49.7	119	55	
1015	9	36 53.72	26 15 57.7	69	70	
1016	9	36 55.83	61 53 0.2	123	38	
1017	9	36 56.06	29 6 31.2	506	68	
	8½	56.11	34.0	73	95	
1018	8½	36 58.28	38 38 30.7	78	33	
1019	8½	36 59.55	39 24 8.1	110	94	
1020	8	36 59.94	62 41 22.7	123	35	
	9	60.17	22.1	86	36	
1021	9	37 1.69	36 46 52.3	516	13	
	9	1.84	51.4	129	10	
1022	10	37 8.00	51 52 41.1	119	56	
1023	6	37 8.00	38 55 5.6	130	1	
	6	8.06	5.7	78	34	
1024	8	37 11.39	25 51 11.6	503	95	
	8	11.45	12.2	69	69	
	8	11.55	11.4	514	16	
1025	8	37 13.49	47 39 49.1	114	54	
1026	8	37 13.60	58 40 9.5	60	109	
1027	8½	37 13.99	46 8 13.5	76	57	
1028	9	37 23.06	34 20 2.2	93	74	
1029	7	37 23.38	67 29 35.4	120	40	
1030	9	37 23.51	55 24 17.0	128	17	
1031	8	37 23.79	43 3 57.2	111	81	
	8	23.81	57.6	512	15	
1032	7	37 24.46	28 41 1.2	506	69	
	7	24.55	2.3	46	52	
1033	9½	37 26.66	50 16 23.8	116	56	
1034	8½	37 26.74	26 39 4.2	503	96	
	8	26.81	5.8	69	73	
1035	8	37 27.16	53 51 17.4	119	57	
1036	8	37 28.92	66 39 6.9	81	26	
1037	9	37 29.76	50 6 31.7	116	55	
1038	9	37 33.87	45 0 43.4	76	58	
	9	33.97	43.1	512	16	
1039	7	37 37.14	71 12 57.8	495	104	
1040	6½	37 38.34	47 3 18.3	114	55	
1041	9	37 38.44	56 30 38.3	501	13	
	9½	38.46	41.3	128	16	
1042	9	37 39.17	26 28 24.2	503	97	
	8½	39.36	31.0	69	72	
1043	4	37 40.18	68 48 11.9	120	41	
1044	8½	37 43.72	73 24 13.1	495	105	
1045	7½	37 44.82	31 36 1.1	107	117	
	7½	44.84	1.7	509	55	
1046	8½	37 53.05	27 2 37.5	503	98	
	8½	53.08	37.1	69	74	
1047	7½	2 37 54.19	56 49 47.7	128	18	
	7½	54.20	45.9	501	14	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1048	8½	2 38 0.09	80 9 5.7	497	65	
	8½	0.28	1.6	497	63	
1049	9	38 2.59	45 26 4.6	76	59	
1050	9	38 2.67	23 12 7.1	34	58	
1051	8½	38 5.70	25 58 53.7	514	17	
1052	7½	38 13.71	34 37 21.0	93	75	
1053	9	38 13.90	41 46 11.6	111	82	
1054	9	38 17.51	60 31 8.9	60	111	
	9½	17.60	9.1	123	40	
	9	17.72	7.9	123	39	
1055	5½	38 18.15	51 20 25.4	116	58	
1056	7½	38 18.52	28 25 51.5	506	70	
	7½	18.66	51.7	46	53	
1057	10	38 22.61	28 26 26.2	506	71	
1058	7½	38 23.90	29 20 17.3	73	97	
1059	8	38 25.35	38 27 27.4	78	35	
1060	7½	38 25.62	50 15 39.0	116	57	
1061	7	38 26.62	33 34 36.8	93	76	
	7½	26.67	38.1	107	118	
1062	6½	38 29.17	41 3 35.7	111	83	dpl.
	7	29.20	34.0	130	2	
	6	29.24	34.5	110	95	
1063	8½	38 32.48	28 58 6.6	46	54	
	9	32.60	6.0	73	96	
1064	9	38 36.47	31 35 35.7	509	56	
1065	9	38 40.98	26 1 50.4	503	100	s. pr.
	9	41.33	50.1	514	18	
1066	7½	38 41.14	26 1 38.1	503	99	n. sq.
	7½	41.23	39.1	514	19	
1067	9	38 46.18	53 30 13.0	119	58	
1068	10	38 46.35	47 3 5.7	114	57	
	9½	46.58	3.1	76	61	
1069	7½	38 46.80	45 11 1.6	512	17	
1070	9	38 47.38	36 52 2.4	129	12	
	9	47.49	3.7	78	36	
	9½	47.53	2.4	516	15	
1071	7½	38 47.69	33 42 9.4	93	77	
1072	8½	38 48.04	25 22 51.6	514	20	
1073	8½	38 52.05	57 10 17.9	128	19	
	8	52.08	17.7	501	15	
1074	8½	38 52.89	60 35 50.8	60	112	
	9	53.13	49.0	123	41	
1075	8½	38 57.67	69 36 59.5	120	42	
1076	8½	38 58.76	70 27 12.6	120	44	
1077	6	39 1.39	69 45 59.3	120	43	
1078	8½	39 3.25	49 56 10.1	116	59	
1079	9	39 3.95	46 57 62.7	114	56	
	8½	4.17	59.6	76	60	
1080	6½	39 5.81	33 3 13.6	93	78	
	6½	5.95	14.9	107	119	
1081	9	39 6.37	40 48 24.7	111	84	
	8½	6.50	22.4	110	96	
1082	9	39 8.24	43 22 2.5	512	18	
1083	7	39 8.73	36 50 11.5	516	16	
	7	8.74	12.7	78	37	
	6½	8.74	11.3	129	11	
1084	8½	39 11.57	43 19 19.7	512	19	
1085	9	39 13.82	26 44 7.1	503	101	
	9	13.95	7.7	69	75	
1086	9½	39 19.01	54 38 34.5	128	20	
	9	19.02	34.0	119	59	
	9	19.02	35.7	501	16	
1087	9½	39 20.50	30 28 34.2	73	98	
1088	7	39 22.20	22 41 32.4	34	59	
1089	9	39 29.05	26 41 1.2	69	76	
	9½	29.24	1.4	503	102	
1090	9½	39 33.43	46 55 10.0	76	62	
1091	8	39 35.90	53 23 10.0	119	60	
1092	9½	2 39 37.73	28 10 37.7	506	72	
	9½	37.85	38.2	46	55	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1093	8	2 39 48.75	25 10 50.4	514	21	
1094	9	40 0.94	66 37 24.1	81	27	
1095	9	40 1.96	38 49 26.7	78	38	
1096	9	40 2.50	55 19 24.9	128	22	
1097	6½	40 9.98	53 5 56.9	119	62	
1098	9½	40 11.71	52 53 13.4	119	61	
1099	8½	40 13.34	42 24 4.6	111	86	
1100	8½	40 13.43	30 24 27.9	73	99	
1101	8½	40 15.00	42 57 36.3	512	20	
	9	15.05	36.2	111	85	
1102	8	40 16.70	41 49 20.3	111	87	
1103	9½	40 19.42	41 11 33.9	110	97	
1104	9	40 23.50	54 49 47.3	128	21	
1105	8	40 25.86	71 59 29.3	495	106	
	8	26.17	28.7	495	109	
1106	8	40 26.13	34 23 30.0	93	79	
1107	8½	40 26.19	25 44 12.3	69	77	
	8½	26.22	12.9	514	22	
1108	9½	40 26.37	24 7 10.5	34	60	
1109	8½	40 29.54	29 11 38.4	506	73	
1110	8½	40 29.83	53 18 56.8	119	63	
1111	8	40 30.42	34 24 3.3	93	80	
1112	8	40 31.34	45 53 30.4	76	63	
1113	8	40 35.69	31 0 23.8	509	57	
	8	35.74	22.5	73	100	
1114	7½	40 36.13	25 51 34.8	514	23	
	7½	36.17	35.1	69	78	
	7½	36.20	33.5	503	104	
1115	8	40 37.66	49 11 48.2	114	58	
1116	9	40 38.83	31 56 46.3	107	120	
1117	7½	40 41.29	38 41 40.4	78	39	
1118	8½	40 43.01	41 16 9.1	110	98	
1119	9	40 43.91	31 3 3.4	73	101	
	9	43.92	4.2	509	58	
1120	8	40 45.54	26 41 55.4	69	79	
	8½	45.59	54.1	503	103	
1121	8	40 46.54	63 26 45.8	123	42	
	8	46.57	48.8	81	28	
	7½	46.73	47.0	123	43	
1122	7	40 47.53	46 48 53.1	114	60	
	7	47.65	49.9	76	64	
1123	8	40 50.13	41 45 32.8	111	88	
1124	9½	40 50.78	60 35 2.0	60	113	
1125	7	40 50.98	43 21 47.2	512	21	
1126	8	40 51.45	40 14 44.5	110	99	
1127	9	40 53.73	80 0 50.0	497	66	
1128	8	40 57.53	74 51 16.3	495	107	
1129	8½	40 59.81	47 5 3.7	114	59	
	8	60.07	1.1	76	65	
1130	9	41 2.57	28 22 45.4	46	56	
1131	8½	41 6.56	79 16 5.1	127	1	
	8½	6.95	5.0	497	67	
1132	9	41 7.59	26 36 50.8	69	80	
1133	8	41 13.62	35 26 9.0	516	17	
1134	9	41 14.81	53 14 26.5	119	64	
1135	6½	41 15.86	67 14 27.2	120	45	
1136	9½	41 17.18	49 49 7.0	116	60	
1137	9	41 17.30	34 28 56.1	93	81	
1138	8½	41 18.97	50 39 27.4	116	61	
1139	8½	41 20.83	46 7 57.5	76	67	
1140	9	41 20.86	69 33 35.3	120	48	
1141	9	41 21.31	33 3 29.9	93	82	
	8½	21.41	31.2	107	121	
1142	8	41 24.37	37 26 9.5	78	40	
1143	9½	41 24.63	63 24 4.4	123	44	
	9	24.93	5.0	81	29	
1144	8½	41 25.31	35 19 5.7	516	18	
1145	8½	41 28.73	37 12 16.1	129	13	
1146	6½	41 33.23	23 0 30.4	34	62	
1147	9	2 41 40.56	67 48 48.0	120	46	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1148	9	2 41 47.19	24 12 10.0	34	61	
	9	47.29	10.4	514	24	
1149	9½	41 49.37	56 4 11.4	501	18	
	9½	49.47	11.8	128	23	
1150	7	41 49.65	69 41 25.2	120	47	
1151	9	41 50.30	46 43 23.2	76	66	
1152	9½	41 51.56	27 51 44.5	506	75	
	9	51.61	47.0	46	57	
1153	9½	41 52.82	69 40 46.4	120	49	
1154	9½	41 55.38	25 52 40.8	514	25	
	9	55.52	39.9	503	105	
1155	9½	41 56.48	73 20 13.8	495	108	
1156	8	41 56.81	41 29 4.3	111	89	
1157	8	41 57.32	37 52 12.7	78	41	
1158	9½	41 58.20	52 57 34.8	119	65	
1159	9	41 58.47	27 49 29.2	46	58	
	9½	58.66	28.9	506	74	
1160	9	41 58.87	45 12 57.9	76	68	
1161	9	42 3.37	63 13 58.6	123	45	
1162	8½	42 4.35	43 31 44.5	512	22	
1163	8½	42 4.64	38 15 45.4	78	42	
1164	9	42 6.79	59 25 9.8	60	114	
1165	8½	42 7.08	56 47 30.2	501	17	
	9	7.10	29.4	128	24	
1166	8½	42 9.28	35 18 39.0	516	19	
1167	9½	42 9.92	32 56 40.1	93	83	
1168	8	42 24.54	25 19 14.7	514	26	
1169	7½	42 27.69	26 36 57.4	503	106	
	7½	27.72	56.0	69	81	
1170	9	42 29.46	75 46 1.2	497	68	
1171	7	42 29.46	36 4 21.7	516	20	
	7	29.61	21.4	129	14	
1172	9½	42 46.61	55 58 33.6	128	25	
1173	9	42 47.31	32 48 35.3	93	84	
	8½	47.41	35.3	107	122	
1174	6	42 47.44	64 13 46.2	81	30	
1175	7½	42 53.14	31 56 30.7	509	59	
	7½	53.20	32.8	107	123	
1176	9	42 54.04	39 9 26.6	78	43	
1177	9	42 54.25	29 57 29.8	506	76	
	9	54.35	27.7	73	102	
1178	9½	42 55.73	29 52 42.0	73	103	
	9½	55.75	47.7	506	77	
1179	10	42 59.21	41 2 30.7	111	90	
1180	9½	42 59.62	50 19 35.2	116	62	
1181	9	43 0.15	54 2 22.4	119	66	
1182	7½	43 0.96	63 14 51.6	123	46	
1183	9	43 6.81	26 58 2.1	69	82	
	9½	6.90	3.9	503	107	
1184	9	43 11.83	29 3 51.2	46	59	
1185	9	43 13.12	63 35 42.1	123	47	
	8½	13.14	43.4	81	31	
1186	10	43 15.48	51 58 37.7	119	67	
1187	9	43 18.44	58 45 1.0	60	115	
1188	7	43 21.69	34 18 9.9	93	85	
1189	8	43 22.96	25 7 50.0	514	27	
	8	23.17	50.6	69	84	
1190	9	43 25.36	64 55 13.1	81	32	
1191	9½	43 28.17	60 47 29.9	123	48	
1192	9½	43 30.05	45 20 40.9	76	69	
1193	8½	43 31.30	43 26 5.1	114	61	
1194	9	43 34.43	44 5 58.3	512	23	
1195	8½	43 36.49	57 57 46.2	60	116	
1196	7	43 38.58	37 55 26.3	78	44	dpl. III. n. pr.
1197	9	43 38.93	32 5 4.3	509	60	
	9	38.95	5.2	107	124	
1198	8	43 39.82	48 38 32.2	114	62	
1199	9	2 43 39.91	25 48 33.2	69	83	
	9	39.92	33.6	514	28	
1200	8½	2 43 40.19	45 50 51.7	76	70	
1201	9	43 42.39	60 40 12.4	123	49	
1202	9	43 45.30	50 12 48.6	116	63	
1203	9	43 46.47	50 11 49.6	116	64	
1204	9½	43 48.97	54 29 17.5	501	19	
1205	4	43 51.55	32 55 52.7	93	86	
	4½	51.57	54.5	107	125	
1206	9	43 53.71	69 42 29.0	120	50	
1206½	8½	43 53.82	30 4 36.7	73	104	
	9½	53.89	38.0	509	61	
1207	9	44 1.49	58 48 4.0	60	117	
1208	8	44 3.99	32 53 55.6	93	87	
1209	9½	44 4.89	55 47 20.0	128	26	
1210	8	44 8.31	31 20 0.3	509	62	
1211	7	44 11.00	29 39 40.1	73	105	
1212	9	44 13.66	64 49 54.0	81	33	
1213	9	44 14.21	44 24 42.3	512	24	
1214	9	44 17.35	78 20 4.8	127	2	
1215	6½	44 18.75	25 4 28.0	514	29	
	6½	18.80	28.4	69	85	
1216	8½	44 20.27	51 33 42.8	116	65	
1217	9	44 21.68	32 54 59.6	107	126	
	9	21.69	58.3	93	88	
1218	8	44 25.40	46 52 4.5	114	63	
	7½	25.56	2.1	76	73	
1219	7½	44 27.42	45 36 34.3	76	71	
1220	9½	44 28.18	44 25 51.5	512	25	
1221	9	44 28.30	52 5 18.8	119	68	
	8	28.43	19.0	116	66	
1222	6	44 29.13	28 27 41.5	506	78	
	6	29.26	39.7	46	60	
1223	9½	44 30.49	22 41 8.3	34	63	
1224	9½	44 30.90	28 37 31.7	506	79	
	9	30.93	31.1	46	61	
1225	9	44 32.41	46 34 21.6	76	72	
1226	9	44 32.56	69 24 49.3	120	51	
1227	9½	44 36.88	54 54 55.2	501	20	
1228	7	44 40.45	71 45 32.0	131	1	
	6½	40.62	31.8	495	110	
1229	9½	44 42.50	26 33 30.1	503	108	
	9½	42.69	31.9	484	1	
1230	9	44 44.34	25 3 57.9	69	86	
1231	8	44 47.10	58 10 60.7	91	1	
	8½	47.21	59.6	60	118	
1232	9½	44 50.83	47 39 0.5	114	64	
1233	8	44 54.00	37 35 11.9	78	45	
1234	9½	44 58.68	52 40 46.7	119	69	
1235	9	45 8.97	64 53 7.5	81	34	
1236	6	45 11.36	36 21 43.3	516	21	
	6	11.54	43.0	129	15	
1237	9	45 12.48	76 59 41.9	127	3	
	9	12.68	43.8	497	70	
1238	9	45 13.54	59 9 54.5	60	120	
1239	7	45 13.56	23 32 39.3	34	64	
1240	9½	45 14.33	33 31 9.0	107	127	
1241	8½	45 18.37	63 28 49.1	123	51	
1242	9	45 19.93	24 52 6.6	69	87	
1243	9	45 20.37	60 56 4.8	123	50	
1244	9	45 22.75	75 21 20.5	497	69	
1245	9	45 31.05	50 2 44.0	116	67	
1246	8½	45 34.61	28 38 55.1	46	62	
	8½	34.63	55.0	506	80	
1247	5	45 37.25	36 11 26.0	516	22	
	5	37.27	25.8	129	16	
1248	9	45 38.89	29 31 8.6	73	106	
1249	9	45 40.65	59 19 22.4	60	121	
1250	9	45 43.16	42 44 37.8	111	91	
1251	8	2 45 44.45	58 20 20.0	91	2	
	8½	44.76	18.7	60	119	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1252	8½	2 45 45.37	53 16 32.4	119	70	
1253	6½	45 57.93	40 26 54.6	130	3	
1254	8½	45 58.04	37 55 13.2	78	46	
1255	9	46 2.48	24 42 9.8	514	30	
1256	9	46 4.21	28 8 56.9	506	81	
	8½	4.33	58.7	46	63	
	8½	4.37	56.8	484	2	
	8½	4.45	54.9	503	109	
1257	8	46 4.28	30 57 6.1	509	63	
	8	4.28	4.7	73	108	
1258	8	46 7.04	44 35 15.7	512	26	
1259	9½	46 7.21	28 57 34.3	73	107	
1260	9	46 7.66	48 37 24.2	114	65	
1261	9	46 10.15	60 9 31.4	91	3	
	9	10.16	32.6	60	122	
1262	8½	46 13.13	55 39 1.7	501	21	
	8½	13.30	3.2	128	27	
1263	9	46 14.10	23 41 27.6	34	65	
1264	5	46 15.26	63 19 30.3	123	52	
1265	8½	46 16.36	43 40 0.3	512	27	
1266	9	46 16.53	72 10 2.2	495	112	
1267	7	46 20.32	41 28 46.2	111	92	
1268	8	46 20.54	38 13 41.3	78	47	
1269	8½	46 20.85	45 45 18.8	76	74	dpl. II.
1270	9	46 23.98	73 27 6.9	495	111	
1271	8½	46 28.38	49 23 13.2	114	66	
1272	9½	46 28.65	32 54 61.4	107	128	
	9½	28.67	59.3	93	89	
1273	9	46 29.37	25 32 39.2	69	88	
1274	10	46 32.02	67 48 34.4	120	52	
1275	8½	46 35.11	65 45 24.3	81	35	
1276	6½	46 38.63	31 19 57.4	509	64	
	6½	38.83	57.2	107	129	
1277	9	46 38.82	37 57 55.0	78	48	
1278	9½	46 42.02	78 53 24.4	497	72	
1279	9	46 44.64	43 20 51.7	512	28	
1280	8½	46 45.83	46 30 36.8	76	76	
1281	9½	46 51.17	53 30 32.4	119	71	
1282	9	46 51.67	48 28 49.5	114	67	
1283	9	46 51.73	45 42 36.3	76	75	
1284	8½	46 54.13	38 35 15.3	78	49	
1285	8½	46 58.06	50 49 18.3	116	69	
1286	9	47 4.56	58 14 38.6	91	4	
1287	9½	47 5.60	26 49 3.6	503	110	
1288	9½	47 6.21	51 50 47.3	119	72	
	8½	6.32	48.8	116	68	
1289	8½	47 6.28	33 57 53.7	93	90	
1290	8½	47 8.07	27 14 4.8	503	111	
	8½	8.16	4.2	484	3	
1291	7½	47 8.15	28 28 16.6	46	64	
	7	8.16	16.9	506	82	
1292	9	47 23.41	47 43 1.1	114	68	
1293	9	47 24.96	28 41 30.6	46	65	
	9½	25.06	30.5	506	83	
1294	9	47 25.45	32 4 43.1	107	130	
	8½	25.46	42.9	509	65	
1295	8	47 28.54	54 57 23.5	501	22	
	8½	28.61	24.9	128	28	
1296	8½	47 35.13	64 32 3.9	81	36	
1297	9	47 36.43	78 53 41.1	497	71	
1298	7½	47 39.61	57 42 25.5	91	5	
	7½	39.72	21.1	60	124	
1299	9	47 39.71	41 39 55.6	111	93	
1300	8½	47 40.31	55 35 22.8	128	29	
	8½	40.37	21.9	501	23	
1301	6½	47 40.86	22 36 9.7	34	66	
1302	9½	47 45.11	51 59 45.7	119	73	
1303	8	2 47 46.53	37 21 30.7	78	50	
1304	9	2 47 47.31	53 4 9.5	119	74	
1305	7½	47 47.54	76 42 51.4	127	4	
	7½	47.82	50.1	497	73	
1306	9	47 48.63	44 47 37.8	512	29	
1307	7	47 48.64	50 22 54.8	116	71	
1308	8	47 49.48	31 54 58.0	509	67	
	8	49.57	57.7	107	131	
1309	9½	47 51.69	58 28 10.1	60	123	
1310	7½	47 53.54	50 43 31.7	116	70	
1311	8½	47 54.77	43 29 11.6	512	30	
1312	8½	47 55.39	30 20 43.8	73	109	
	9	55.56	43.6	509	66	
1313	6	47 57.61	22 53 5.9	34	67	
1314	6½	47 59.39	41 54 16.4	111	94	
1315	9	48 0.99	70 44 5.6	120	55	
1316	9	48 3.26	61 24 43.9	123	53	
1317	8	48 5.04	35 33 11.8	516	23	
	8	5.20	12.3	129	17	
1318	8½	48 8.43	39 3 54.6	78	52	
1319	8½	48 9.31	23 39 21.7	34	68	
1320	8½	48 9.31	35 0 11.8	129	18	
	8½	9.37	10.7	93	91	
	8	9.40	11.1	516	24	
1321	8½	48 10.15	28 21 59.5	46	66	
	8½	10.18	59.5	506	84	
1322	8	48 12.92	26 39 59.8	484	4	
	8	13.00	58.2	503	112	
	8	13.09	59.1	69	89	
1323	9	48 19.14	46 20 12.5	76	77	
1324	9	48 23.49	25 59 4.3	514	31	
1325	9	48 24.29	26 57 42.8	484	5	p
1326	9	48 28.16	70 19 36.7	120	54	
1327	9	48 29.45	45 5 31.2	76	78	
1328	9½	48 31.34	74 30 36.0	495	113	
1329	8½	48 33.69	38 33 17.2	78	51	
1330	8½	48 36.74	53 23 42.0	119	75	
1331	9½	48 37.30	33 22 41.1	107	132	
1332	8	48 39.22	23 27 37.8	34	69	
1333	6	48 40.57	38 56 55.9	130	4	
	6	40.60	55.5	78	53	
1334	9	48 40.83	64 34 16.1	81	37	
1335	9½	48 41.50	53 35 43.3	119	76	
1336	8	48 42.69	57 30 19.6	91	6	
	9	42.74	18.8	128	31	
	8½	42.77	18.9	60	125	
	8½	42.77	18.9	501	24	
1337	9½	48 43.68	47 53 42.5	114	69	
1338	9	48 45.57	30 7 58.6	506	85	
1339	9½	48 45.58	57 14 36.9	128	30	
1340	8½	48 49.03	43 11 4.8	512	31	
1341	10	48 49.70	43 9 40.2	512	32	
1342	9	48 51.71	78 2 18.6	497	74	
	8½	51.77	19.7	127	6	
1343	7	48 54.32	74 21 28.3	131	2	
	7½	54.33	29.6	495	115	
1344	8½	48 56.15	36 24 30.4	129	19	
	8½	56.20	30.3	516	25	
1345	9	48 57.99	62 8 4.3	123	54	
1346	8½	48 59.63	41 45 47.0	111	95	
1347	7	49 1.74	64 3 10.5	81	39	
1348	10	49 3.36	62 12 45.4	123	55	
1349	7½	49 4.13	40 42 13.8	130	5	
1350	7	49 4.38	68 2 10.0	120	53	
1351	8½	49 7.43	73 17 5.5	495	114	
1352	9	49 10.09	59 23 5.6	60	123	
1353	9	49 16.98	26 5 35.5	69	90	
1354	9½	49 17.13	59 0 9.0	91	8	
1355	9	2 49 18.41	38 56 23.0	78	54	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1356	8	2 49 18.68	45 7 2.1	76	80	
1357	8	49 18.90	30 21 5.5	73	110	
	8	18.98	5.3	509	68	
1358	8	49 19.78	60 26 15.6	60	127	
	8½	19.85	17.8	91	7	
	8	20.12	17.7	123	57	
1359	7½	49 21.54	31 23 58.9	509	69	
	7	21.55	59.0	107	134	
1360	9	49 24.46	45 1 23.1	76	79	
	9	24.52	25.0	512	34	
1361	9	49 25.47	51 2 51.2	116	72	
1362	9	49 25.83	25 22 56.4	514	32	
1363	8½	49 26.—	28 24 9.0	46	67	
	8½	26.31	10.4	506	87	
1364	9	49 28.79	30 8 14.7	506	86	
	9	28.91	12.4	73	111	
1365	9½	49 32.83	78 9 38.4	127	5	
1366	8	49 33.25	33 26 40.1	93	93	
	8½	33.43	40.3	107	133	
1367	8½	49 33.86	74 5 14.0	495	116	
1368	8	49 35.21	64 31 57.5	81	38	
1369	7½	49 39.49	38 20 57.6	78	56	
1370	8	49 41.18	43 4 37.6	512	33	
	9	41.27	40.9	111	96	
1371	7	49 41.53	34 2 2.1	93	92	
1372	9½	49 42.38	68 6 50.8	120	57	
1373	9	49 47.89	69 41 50.0	120	56	
1374	9½	49 48.02	60 59 22.9	123	56	
1375	9	49 48.81	35 3 6.7	129	20	
1376	8	49 50.10	49 13 46.4	114	70	
1377	7½	49 56.29	26 26 32.1	484	7	
	7½	56.45	31.1	69	93	
1378	9	49 59.41	54 14 29.4	119	77	
1379	7	49 59.—	25 48 33.7	69	91	
	7	59.69	36.5	484	6	
	7	59.75	35.5	514	33	
1380	7½	49 59.71	26 38 31.8	484	8	
1381	6½	50 3.59	51 22 50.6	116	73	
1382	7½	50 6.68	51 21 17.4	116	74	
1383	9	50 12.98	57 51 56.1	91	9	
1384	8½	50 14.14	38 50 55.3	78	55	
	7½	14.22	55.9	130	6	
1385	9	50 16.—	26 12 56.3	69	92	
1386	9	50 21.13	23 43 34.3	34	70	
1387	8½	50 30.74	36 4 5.5	129	21	
	8	30.78	6.1	516	26	
1388	8½	50 32.58	67 49 3.1	120	58	
1389	9	50 38.31	57 18 15.2	60	128	
	9½	38.37	14.7	128	33	
1390	7½	50 40.15	26 42 24.5	69	95	
	7	40.28	23.3	484	9	
1391	7½	50 42.71	65 57 51.1	81	40	
1392	6½	50 45.35	56 23 19.1	128	32	
	7	45.39	20.1	501	25	
1393	9½	50 46.53	35 51 7.0	516	27	
1394	9	50 51.19	24 48 32.7	34	71	
	8½	51.20	34.2	514	34	
1395	9½	50 54.20	29 4 43.1	506	88	
	9	54.33	43.9	46	68	
1396	7½	50 55.28	26 35 54.1	484	10	
	8	55.33	54.6	69	94	
1397	9	50 56.05	52 27 38.2	119	78	
1398	8½	50 56.40	46 42 40.6	76	81	
1399	7	50 58.77	39 9 25.5	78	57	
	7	58.93	26.9	130	7	
1400	8	50 59.64	29 27 21.5	506	89	
	8½	59.84	22.1	73	112	
1401	9	51 9.48	64 50 54.8	81	41	dpl. IV. n. pr.
1402	9	2 51 9.65	35 40 10.4	516	28	
1403	8½	2 51 16.11	43 45 33.7	512	35	
1404	9	51 16.46	23 29 26.5	34	72	
1405	7½	51 16.70	49 26 22.3	116	75	
	8	16.71	20.2	114	71	
1406	10	51 17.69	61 38 35.1	123	58	
1407	5	51 18.43	75 34 40.4	127	8	
	5	18.93	39.8	497	76	
1408	9	51 18.61	49 45 44.6	116	76	
1409	9	51 19.80	27 31 58.6	46	69	
1410	9	51 24.28	36 31 14.0	129	22	
	8½	24.29	14.2	516	30	
1411	9	51 26.58	31 21 52.9	107	135	
	9	26.72	51.4	509	70	
1412	7½	51 41.46	65 24 34.8	81	43	
1413	8½	51 43.79	39 56 48.7	109	1	dpl. II.
	7½	43.85	49.6	130	8	
1414	7½	51 46.11	37 12 13.3	129	23	
1415	7	51 46.97	35 52 53.3	516	29	
1416	5½	51 50.01	24 21 50.0	34	73	
	5½	50.27	52.1	514	35	
1417	8½	51 51.45	75 28 28.8	497	75	
	8½	51.57	27.8	127	7	
1418	9	51 52.21	28 29 43.0	506	90	
1419	7½	51 53.75	36 48 1.9	129	24	
	7	53.78	3.9	516	31	
	7½	53.80	2.0	78	58	
1420	6½	51 55.71	30 21 30.8	509	71	
	7	55.75	30.5	73	113	
1421	7	51 58.77	64 56 31.2	81	42	
1422	8½	51 59.99	74 54 55.1	125	1	
	8	60.27	54.0	131	3	
	9	60.34	53.5	495	117	
	9	60.53	56.5	127	9	
1423	9	52 1.77	34 21 6.2	93	94	
1424	9	52 9.54	50 42 9.8	116	78	
1425	8½	52 13.40	50 42 47.4	116	79	
1426	8	52 14.21	36 56 10.7	129	25	
	7½	14.26	10.9	516	32	
	7½	14.28	11.0	78	59	
1427	8	52 14.92	49 49 56.0	116	77	
1428	8½	52 15.57	26 3 48.1	69	96	
1429	8½	52 17.14	28 10 9.2	46	70	
	9	17.25	9.3	506	91	
	8½	17.26	8.4	484	11	
1430	7	52 18.84	64 30 40.5	81	44	
1431	9	52 19.15	34 41 28.5	93	95	
1432	9½	52 22.41	28 56 46.2	506	94	
	9	22.61	45.1	73	114	
1433	9	52 27.31	47 13 43.6	114	72	
1434	8	52 29.28	64 32 56.1	81	45	
1435	8½	52 29.—	28 12 26.1	46	71	
	9	29.31	25.7	506	92	
	8½	29.56	24.7	484	12	
1436	9½	52 29.64	52 47 23.5	119	79	
1437	6	52 31.92	24 6 34.3	34	74	
	6	32.24	34.9	514	36	
1438	8½	52 35.84	46 48 42.2	114	73	
	8½	36.06	39.1	76	82	
1439	8½	52 37.97	60 14 23.5	91	10	
	8½	38.14	24.9	123	59	
1440	8	52 38.31	26 23 35.9	484	13	
	8	38.48	36.9	69	97	
1441	6½	52 40.17	38 41 34.6	78	60	
1442	9½	52 48.45	54 22 21.0	119	81	
	9½	48.62	18.2	501	26	
	9½	48.84	21.8	128	34	
1443	10	52 48.53	61 6 52.1	123	60	
1444	9	52 48.69	46 46 50.5	76	83	
1445	8½	2 52 (50)	28 52 15.7	46	72	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1446	9	2 52 51.25	38 43 0.9	78	61	
1447	9½	52 51.51	31 27 40.3	509	72	
	9½	51.59	40.1	107	136	
1448	9½	52 52.20	28 52 14.7	506	93	
	9	52.22	15.7	73	115	
1449	8	52 53.11	61 58 2.8	123	62	
1450	9	53 7.52	59 18 39.1	91	11	
1451	8½	53 11.32	33 39 11.6	93	96	
1452	9½	53 13.93	50 38 15.0	116	80	
1453	8	53 17.08	27 25 43.1	46	73	
	8½	17.17	40.4	484	14	
1454	8½	53 19.93	43 19 35.7	512	36	
1455	9	53 22.94	58 51 33.3	91	12	
1456	9½	53 23.57	53 53 50.8	119	80	
1457	8½	53 26.74	46 10 19.5	76	84	
1458	8½	53 28.80	47 3 38.7	76	85	
	9	28.81	39.6	114	74	
1459	3	53 31.24	40 48 21.4	109	2	pr.
	3	31.33	22.0	111	97	
	3½	31.37	21.6	130	10	
1460	5	53 32.17	40 48 21.4	109	3	sq.
	5½	32.19	19.7	130	9	
	5½	32.30	21.7	111	98	
1461	9½	53 33.63	56 43 13.8	128	37	
1462	9½	53 33.69	56 41 45.3	128	35	
1463	7½	53 40.55	38 29 32.9	78	62	
1464	9	53 41.25	25 43 57.7	69	98	
1465	8	53 45.44	50 39 13.6	116	81	
1466	8	53 45.67	24 11 23.8	34	75	
	8	45.84	24.3	514	39	
	8	45.89	24.2	514	37	
1467	6½	53 47.17	29 24 17.7	73	116	
	6½	47.18	19.6	506	95	
1468	8	53 47.26	64 20 23.4	81	47	
1469	8½	53 51.33	79 11 40.4	127	12	
1470	8	53 54.47	26 39 15.4	484	16	
	7½	54.66	15.9	69	100	
1471	7	53 56.87	34 41 16.8	93	98	
1472	8	53 57.61	61 5 49.5	123	61	
1473	7	53 59.24	55 30 56.4	501	27	
	6½	59.39	57.6	128	36	
1474	8½	54 0.40	76 11 22.4	127	10	
1475	8	54 1.97	33 24 44.9	107	137	
	8½	1.98	43.6	93	97	
1476	6	54 5.84	25 46 33.7	514	40	
	6	5.97	33.0	484	15	
	6	6.08	33.6	69	99	
1477	8½	54 8.23	49 56 53.4	116	83	
1478	9	54 8.51	47 35 9.0	114	75	
1479	8½	54 9.71	23 52 47.8	34	76	
	8½	9.91	47.8	514	38	
1480	8½	54 11.33	62 18 47.6	123	63	
1481	9	54 14.80	37 22 0.7	78	63	
1482	9	54 24.97	41 13 13.8	111	99	
	8	25.09	14.2	130	11	
1483	8	54 26.44	59 24 19.8	91	13	
1484	7	54 26.70	44 14 28.2	512	37	
1485	9	54 28.04	73 57 24.9	125	3	
	8	28.21	23.2	131	4	
1486	8½	54 28.66	64 30 52.7	81	46	
1487	6½	54 28.97	33 0 20.9	93	99	
	6	29.08	21.3	107	138	
1488	8½	54 32.25	30 40 8.0	73	117	
	8	32.36	6.4	509	73	
1489	10	54 34.64	39 29 24.9	109	4	
1490	9	54 38.73	71 3 25.8	125	2	
	8½	38.80	26.5	120	59	
1491	9½	54 40.99	60 31 28.2	91	14	
1492	8	2 54 41.88	64 21 26.7	81	48	
1493	9	2 54 42.40	55 44 5.3	501	28	
1494	8½	54 48.08	28 34 37.4	506	96	
	8	48.17	35.0	46	74	
1495	9	54 51.54	44 6 49.3	512	38	
1496	8	54 52.43	49 57 7.1	116	82	
1497	9½	54 54.28	30 42 21.5	73	118	
1498	8½	54 56.64	52 35 41.5	119	82	
1499	9	54 59.07	46 6 43.1	76	86	
1500	9	55 1.37	32 8 15.5	107	139	
	8½	1.48	14.0	509	74	
1501	9	55 8.13	25 34 16.6	514	41	
	8½	8.16	15.6	69	101	
1502	8	55 13.09	54 11 18.0	119	83	
1503	8½	55 19.22	25 7 56.1	69	102	
	8½	19.28	54.8	63	1	
1504	8½	55 21.12	35 35 28.0	516	33	
	9	21.15	27.6	129	26	
1505	7½	55 21.60	28 8 1.3	46	75	
	7½	21.66	2.5	506	97	
	7½	21.71	1.0	484	17	
1506	9	55 23.28	38 14 5.5	78	65	
1507	9	55 25.27	23 26 14.3	34	77	
1508	9½	55 25.41	63 9 56.4	123	64	
1509	8½	55 25.84	37 57 7.1	78	64	
1510	9	55 27.22	30 12 16.8	73	120	
1511	6½	55 29.41	42 22 12.8	134	1	
	8	29.45	14.1	111	100	
1512	8½	55 32.28	35 17 8.6	129	27	
	8	32.38	9.5	516	34	
1513	7	55 35.94	56 3 42.5	501	30	
	7	35.98	42.5	128	38	
1514	9	55 39.96	58 16 9.1	91	15	
1515	9	55 40.86	36 26 10.4	516	35	
1516	8	55 42.66	30 51 20.3	73	119	
	8	42.80	18.4	509	75	
1517	8½	55 43.77	56 41 7.3	128	40	
	8½	43.83	6.0	501	29	
1518	8½	55 45.21	72 18 42.6	125	4	
	8	45.39	42.8	131	5	
1519	7½	55 48.74	78 22 3.6	127	11	
1520	10	55 50.50	63 6 7.2	123	65	
1521	8½	55 51.41	47 54 52.5	114	76	
1522	7	55 52.33	54 24 22.1	119	84	
	7	52.34	21.1	501	31	
1523	8½	55 55.43	27 59 17.1	484	18	
	8½	55.58	19.1	46	76	
1524	7	55 56.39	33 36 20.2	93	100	
1525	8	56 3.60	33 40 46.3	93	101	
1526	7½	56 6.57	28 55 50.2	506	98	
	8	6.62	49.4	73	121	
1527	9	56 8.42	25 47 43.1	514	42	
1528	9	56 10.12	45 32 6.8	76	87	
1529	8½	56 10.55	25 55 20.2	484	19	
	8½	10.61	18.9	69	103	
	8½	10.63	18.9	514	43	
1530	9	56 14.03	37 6 26.5	516	36	
	9	14.04	25.3	129	28	
1531	6	56 14.22	28 34 14.4	506	99	
	6½	14.40	12.5	46	77	
1532	9	56 15.98	62 58 29.2	123	67	
1533	8½	56 20.99	62 57 16.6	123	66	
1534	8½	56 23.29	25 41 2.8	69	105	
	8½	23.33	1.9	514	45	
1535	9½	56 23.81	41 50 46.5	111	101	
1536	5	56 26.37	64 34 9.0	81	49	
1537	9	56 (26)	28 32 23.5	46	79	
1538	9½	56 27.92	56 28 16.9	128	39	
	9	27.98	18.8	501	32	
1539	8	2 56 28.52	45 46 30.6	76	88	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1540	8½	2 56 38.36	25 57 4.9	484	20	
	8½	38.41	2.8	514	44	
	8½	38.58	3.1	69	104	
1541	9½	56 38.88	62 49 4.5	123	68	
1542	9	56 40.18	38 37 11.6	78	66	
1543	9	56 43.39	28 29 3.6	506	100	
	9	43.55	5.6	46	78	
1544	9	56 43.44	30 57 7.3	509	76	
1545	8½	56 47.65	58 44 2.0	91	16	
1546	9	56 48.76	50 15 16.0	116	84	
1547	8½	56 52.38	51 8 12.6	116	85	p
1548	4	56 52.68	24 6 54.8	34	78	
	4½	52.84	55.5	63	2	
1549	9	56 54.91	31 51 28.4	107	140	
	9½	55.05	26.7	509	77	
1550	9½	56 58.76	25 36 34.6	69	106	
1551	9	56 59.77	58 42 7.0	91	17	
1552	10	57 2.83	39 57 12.6	109	5	
1553	9	57 5.63	35 37 52.8	129	29	
	9	5.69	54.9	516	37	
1554	8	57 9.63	60 18 52.2	91	18	
	8	9.70	52.6	123	69	
1555	7½	57 16.64	64 7 22.8	81	51	
1556	9½	57 16.78	40 0 55.3	109	6	
1557	9	57 20.23	32 5 13.0	107	141	
	9½	20.23	13.7	509	78	
1558	9	57 20.33	77 10 21.4	127	15	
1559	8	57 24.—	28 31 5.0	46	80	
1560	7	57 24.32	42 19 44.7	134	2	
	8½	24.35	45.7	111	102	
1561	8½	57 25.30	25 26 58.1	514	46	
	8½	25.47	59.1	69	107	
1562	9½	57 26.88	28 48 19.1	73	122	
1563	8½	57 34.13	44 52 31.4	76	89	
	9	34.38	31.5	512	39	
1564	9	57 34.35	64 6 2.0	81	50	
1565	8½	57 36.07	49 20 53.5	116	86	
	9	36.14	50.8	114	78	
1566	8½	57 37.50	25 10 11.5	69	108	
	9	37.57	11.7	514	47	
	8½	37.63	10.1	63	3	
1567	8	57 (37)	27 28 24.7	46	81	
	8½	37.76	26.1	484	21	
1568	7½	57 39.86	48 3 7.0	114	77	
1569	8½	57 41.86	78 34 52.1	127	13	
1570	8½	57 44.74	38 44 0.1	78	67	
1571	9½	57 47.35	49 19 43.0	116	87	
1572	8½	57 48.82	73 2 37.0	131	6	
	9	48.93	38.0	125	5	
1573	8½	57 49.81	40 44 18.1	109	7	
	8	49.92	18.5	130	12	
1574	8½	57 57.37	64 0 35.1	81	52	
1575	9½	57 58.98	42 16 29.5	111	103	
1576	8½	58 0.10	47 2 36.6	76	90	
1577	9	58 2.89	29 32 17.1	506	101	
1578	8½	2 58 6.60	78 9 21.2	127	14	
1579	9½	2 58 11.38	32 52 13.7	93	102	
	9½	11.53	13.8	107	142	
1580	9	58 14.87	30 23 39.8	73	124	
1581	9	58 26.77	70 11 29.8	120	61	
1582	8½	58 28.51	29 43 49.7	506	102	
	8½	28.77	48.6	73	123	
1583	8½	58 (25)	27 13 10.5	46	82	
1584	9	58 29.32	33 24 58.2	93	103	
	9	29.39	60.0	107	143	
1585	8	58 39.25	50 21 24.0	116	88	
1586	6½	58 39.59	47 27 57.7	114	79	
1587	9½	58 40.48	23 37 58.8	34	79	
	8½	40.62	56.6	63	4	
1588	9	58 42.34	24 40 47.0	514	48	
	9	42.50	46.5	63	5	
1589	9	58 47.26	57 51 10.9	91	19	
1590	9½	58 54.29	54 48 47.2	128	41	
1591	8	58 56.65	44 32 35.4	512	40	
1592	9½	58 59.01	36 24 11.1	516	38	
	9½	59.09	12.5	129	30	
1593	9	58 59.99	62 56 20.0	123	70	
1594	9½	59 0.60	67 6 10.0	81	54	
1595	9	59 0.88	55 27 32.5	128	42	
	8½	1.07	31.6	501	33	
1596	8	59 1.49	63 59 19.9	81	53	
1597	9	59 2.00	24 54 34.5	69	110	
	9	2.17	34.9	514	50	
1598	8½	59 7.45	25 1 9.7	69	109	
	9	7.55	9.7	514	49	
1599	7½	59 12.14	67 35 42.7	120	60	
1600	9	59 12.64	34 53 47.7	129	31	
	8½	12.69	48.3	516	39	
	9	12.79	46.6	93	104	
1601	9	59 14.83	57 51 57.3	91	20	
1602	9	59 15.37	74 16 48.9	125	6	
1603	9	59 16.15	40 35 44.0	109	8	
1604	7½	59 17.21	26 15 58.6	484	22	
1605	8	59 17.82	39 39 36.0	130	13	
1606	9	59 19.22	30 56 3.9	73	125	
	9½	19.29	4.6	509	79	
1607	7	59 26.40	44 23 13.5	512	41	
1608	8½	59 31.21	58 20 20.6	91	21	
1609	8	59 33.63	76 49 36.1	127	16	
1610	9	59 34.52	45 55 35.9	76	91	
	8½	34.83	34.7	76	92	
1611	8½	59 37.59	33 2 43.6	107	144	
1612	9	59 43.28	24 54 34.0	514	51	
	8½	43.28	35.4	69	111	
1613	9	59 44.16	37 27 4.1	78	68	
1614	7½	59 (50)	28 26 12.0	46	83	
	8½	53.60	12.9	506	103	
1615	7½	59 55.43	51 53 59.8	116	89	
	8	55.46	60.9	119	86	
1616	9	59 55.82	56 34 0.1	128	43	
1617	9	59 (57)	28 29 26.7	46	84	
1618	7½	59 57.29	48 20 41.4	114	80	
1619	8½	2 59 59.14	52 44 10.2	119	85	

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HORA III.

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
1	8	3 0 0.22	60 29 20.0	123	71
2	9	0 3.66	38 52 5.4	78	69
	9½	3.98	4.9	109	9
3	7½	0 6.22	61 17 11.6	123	72
4	10	0 7.22	33 22 1.7	93	105
	10	7.33	3.5	107	145
5	8	0 10.36	64 21 32.9	81	55
6	9	0 10.47	40 21 37.7	109	10
	8½	10.65	37.3	130	14
7	8½	0 11.—	28 8 45.7	46	85
	9½	11.15	44.6	506	104
8	9	0 12.46	24 41 31.5	34	80
	8½	12.50	31.2	514	52
	8	12.82	30.2	63	6
9	8½	0 20.36	25 52 33.7	484	23
	9	20.55	36.6	69	113
10	9½	0 20.92	37 9 51.1	129	32
11	7½	0 23.55	59 25 12.3	91	22
12	9½	0 25.00	44 44 6.4	512	42
13	9	0 25.33	29 36 44.2	73	126
14	8½	0 27.16	59 43 33.3	91	23
15	8½	0 29.32	25 37 58.9	69	114
	8½	29.52	58.5	69	112
16	9	0 35.33	29 25 6.2	73	127
	9	35.48	6.3	506	106
17	9	0 37.79	40 12 27.2	109	11
	8	38.27	26.9	130	15
18	8	0 38.16	80 5 18.9	127	17
19	7	0 38.34	51 48 40.1	116	90
	8	38.41	39.8	119	87
20	7	0 38.48	41 28 11.2	134	3
	8	38.69	12.8	111	104
	7½	38.75	12.3	488	1
21	5½	0 39.98	60 13 22.0	91	24
22	9	0 40.26	40 18 25.8	109	12
	8½	40.28	27.1	130	16
23	8½	0 42.11	51 48 27.4	119	88
	7½	42.23	25.6	116	91
24	9	0 43.23	24 16 9.6	34	81
	8½	43.54	12.3	63	7
25	9	0 46.13	63 28 57.9	81	57
26	9	0 51.10	29 17 39.5	506	105
	8½	51.21	40.2	73	128
27	8	0 51.41	70 10 25.0	120	62
28	8½	0 (52)	28 8 23.8	46	86
29	9	0 52.12	39 47 13.4	109	13
30	9	0 53.38	31 11 15.5	107	146
31	8	0 57.50	38 58 9.4	78	70
32	9	1 0.65	63 51 42.5	81	56
33	8	1 0.72	37 49 26.6	78	72
34	8	1 1.15	61 19 39.1	123	74
35	8½	1 1.59	53 18 56.6	119	90
36	9	3 1 3.42	53 2 46.4	119	89
37	8½	3 1 4.65	71 42 4.8	131	7
	9	4.95	5.4	125	8
38	9½	1 7.01	31 47 48.2	509	80
39	8½	1 7.57	25 25 45.4	514	53
40	7½	1 7.60	60 27 10.1	91	25
	8	7.82	10.5	123	73
41	9	1 10.00	33 55 54.4	93	106
42	8½	1 11.08	51 39 5.8	116	92
43	9	1 14.01	44 23 19.8	512	43
44	9	1 18.33	71 1 1.3	125	7
	8½	18.43	0.8	131	8
45	8½	1 19.35	66 54 22.9	120	63
46	8	1 21.93	61 31 58.0	123	75
47	8½	1 23.25	26 26 10.5	69	115
	8½	23.26	10.7	484	24
48	7½	1 25.67	30 28 9.3	73	129
	7½	25.69	9.4	509	81
49	9	1 26.96	38 6 10.7	78	71
50	9	1 28.29	24 37 29.2	63	8
51	9	1 28.32	33 9 2.0	107	147
	9	28.33	5.5	490	1
	8½	28.45	0.5	84	1
52	9½	1 35.27	61 59 2.5	123	78
53	8	1 35.33	65 18 33.5	81	58
54	9	1 38.10	26 31 29.5	69	116
55	8	1 38.71	57 39 1.2	501	34
56	9½	1 39.59	53 19 47.4	119	91
57	9	1 45.92	33 11 47.3	107	148
	8½	46.07	47.4	490	2
58	9	1 48.32	49 59 45.1	116	93
59	9	1 49.04	31 8 3.3	73	130
60	9½	1 49.46	53 20 24.2	119	92
61	9	1 49.55	26 57 39.5	69	117
62	9½	1 50.17	39 51 59.6	109	15
63	8	1 50.24	40 15 47.0	130	17
	8½	50.32	48.1	109	14
64	7½	1 50.32	60 40 52.3	123	76
65	9	1 53.82	26 55 42.8	69	118
66	8½	1 54.84	26 2 10.9	484	25
	9	54.98	11.1	514	54
67	8	1 59.58	42 11 6.6	134	4
	8½	59.66	7.5	488	2
68	9½	2 0.33	49 13 39.0	114	82
69	6	2 0.58	72 23 26.2	131	11
	6	0.70	26.2	125	9
70	8½	2 0.99	49 16 32.9	114	81
71	8½	2 4.56	50 20 39.3	116	94
72	9	2 5.62	33 47 1.1	490	3
	9½	5.77	0.2	93	108
73	8	3 2 5.66	32 49 60.6	490	4
	8	5.68	58.9	93	107
	8	5.70	59.7	107	149
	8	5.72	58.6	84	2

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
74	9	3 2 6.51	23 57 42.4	514	55	
75	8	2 10.25	65 38 58.4	81	60	
76	8½	2 10.99	22 56 7.9	63	9	
77	9	2 19.77	79 57 41.1	127	18	
78	9½	2 21.96	70 56 52.2	120	66	
	9½	22.67	53.0	125	12	
	9	22.76	53.2	131	10	
79	6½	2 (30)	28 18 41.2	46	87	
	6	30.31	42.0	506	107	
80	8½	2 32.69	35 8 5.2	129	33	
	8½	32.80	7.3	516	41	
	9	32.85	4.1	93	109	
81	9½	2 38.45	53 3 54.3	119	93	
82	8½	2 39.47	70 57 47.1	125	13	
	8½	39.50	48.6	120	67	
	8½	39.67	45.7	131	9	
83	10	2 42.13	60 59 18.0	123	77	
84	8½	2 42.98	45 49 29.5	76	93	
85	7½	2 43.80	30 47 37.8	73	131	
	7½	43.81	40.1	492	1	
	7½	43.86	38.7	509	83	
	8	43.90	39.6	84	3	
86	8	2 48.10	72 56 51.9	125	10	
	8½	48.32	51.2	131	12	
87	8	2 48.95	65 40 13.5	81	59	
88	10	2 49.78	34 16 32.9	93	110	
89	9½	2 51.52	36 15 21.0	516	40	
90	8	2 52.39	32 7 16.9	492	2	
	8½	52.44	15.9	84	4	
	8½	52.48	16.3	107	150	
	8	52.58	14.0	509	82	
91	9½	2 56.64	62 28 4.0	123	79	
92	8½	2 57.05	76 39 26.0	127	19	
93	9	3 9.87	62 32 52.5	123	80	
94	9	3 9.88	44 57 15.7	512	44	
	9½	9.92	15.6	99	1	
95	9½	3 13.61	70 0 9.2	120	65	
96	8½	3 14.07	26 55 31.8	484	26	
	8	14.23	32.1	69	119	
97	9	3 14.16	39 19 18.9	130	18	
98	9½	3 14.73	62 31 44.7	123	81	
99	7½	3 16.23	39 46 42.4	130	19	
	8½	16.26	42.3	109	16	
100	9½	3 16.27	37 3 9.3	78	73	
101	9	3 21.36	68 21 9.3	120	64	
102	8½	3 21.85	47 30 55.7	114	83	
103	7½	3 23.14	25 22 14.7	514	56	
104	9	3 25.44	73 39 20.9	125	11	
105	9	3 26.26	26 50 13.3	484	27	
	9	26.39	13.3	69	120	
106	9½	3 27.88	44 4 35.8	99	2	
107	8½	3 28.46	51 56 25.5	119	94	
	8	28.60	24.1	116	95	
108	8	3 35.73	42 59 38.6	134	5	
	8½	35.75	39.0	488	3	
109	8½	3 37.50	38 20 8.3	78	74	
110	9	3 43.27	43 22 5.1	512	45	
111	8½	3 44.25	24 36 55.5	514	57	
	8	44.29	55.4	63	10	
	8½	44.30	52.1	34	82	
112	7	3 45.53	35 54 26.2	516	43	
	7	45.66	26.6	129	34	
113	10	3 45.70	32 40 16.6	490	5	
114	8½	3 45.87	45 36 25.0	76	95	
115	8	3 46.72	60 35 27.7	91	26	
116	7½	3 50.86	27 11 38.1	46	88	
	7½	51.01	37.5	484	28	
117	9	3 3 51.60	24 29 0.9	514	58	
	8½	51.75	1.9	63	11	
118	7½	3 3 57.07	41 49 0.0	134	6	
	8½	57.19	1.9	488	5	
119	9	3 57.35	36 31 14.3	516	42	
	9½	57.38	15.2	129	35	
120	8½	4 2.04	28 50 31.4	73	132	
	8½	2.06	30.3	506	108	
121	8½	4 4.48	57 18 12.9	501	35	
	8½	4.49	12.0	128	44	
122	9½	4 4.79	44 19 9.8	99	3	
123	8	4 4.83	41 50 26.7	134	7	
	9	5.07	25.2	488	4	
124	8½	4 6.86	44 47 32.7	76	94	
	8½	7.11	32.5	512	46	
125	9	4 12.07	44 20 7.7	99	4	
126	9	4 12.59	45 55 21.5	76	97	
127	9½	4 13.28	40 5 49.4	109	17	
128	8½	4 14.22	44 41 59.5	512	47	
	8½	14.55	59.5	99	5	
129	8	4 14.27	50 54 32.0	116	96	
130	9	4 15.43	34 24 18.2	93	111	
131	9½	4 15.85	65 50 23.4	81	61	
132	8½	4 16.65	26 43 56.2	484	29	
	8½	16.88	54.9	69	121	
133	9	4 21.48	32 50 45.1	84	5	
134	8	4 24.06	31 43 53.8	492	3	
	8½	24.07	53.2	107	151	
	8	24.08	52.5	509	84	
	8½	24.13	51.7	84	6	
135	9½	4 28.73	36 26 33.4	129	36	
136	8	4 30.12	45 26 4.5	76	96	
137	8½	4 30.61	48 29 35.3	114	84	
138	9½	4 39.41	38 20 6.7	78	76	} dpl.
139	7½	4 40.19	38 19 58.5	78	75	
140	8½	4 45.03	59 16 5.0	91	27	
141	9	4 46.80	41 15 4.1	488	7	
142	8½	4 49.28	25 55 12.4	484	30	
	8½	49.43	11.8	69	122	
143	9	4 51.62	30 23 56.2	73	133	
144	9½	4 51.68	68 28 34.0	120	68	
145	9	4 52.11	32 16 15.8	107	152	
	9½	52.19	16.5	490	6	
146	8½	4 53.38	62 39 41.4	123	82	
147	9½	4 55.17	40 54 45.4	109	18	
	8	55.18	45.8	134	8	
	9	55.39	45.9	488	6	
148	8½	4 56.49	44 56 18.7	99	6	
149	9½	4 59.07	68 41 14.9	120	70	
150	9	4 59.92	50 50 0.9	116	97	
151	7	5 1.61	62 11 50.2	123	84	
152	9	5 3.32	51 12 8.8	116	98	
153	6½	5 5.11	24 12 51.5	514	59	
	6½	5.26	52.1	63	12	
154	9	5 6.16	54 23 25.4	119	95	
	9½	6.31	24.7	128	45	
	9	6.37	24.6	501	36	
155	8½	5 7.33	65 55 40.7	81	62	
156	9	5 7.84	31 36 7.4	84	7	
157	8½	5 8.14	33 49 28.0	490	8	
	9½	8.18	26.5	93	112	
158	9	5 8.51	57 29 12.0	91	28	
	9½	8.75	11.1	128	46	
159	8	5 8.88	46 21 41.9	76	99	
160	8	5 12.36	35 24 25.9	516	44	
	8½	12.49	26.2	129	37	
161	9	5 12.78	31 36 9.7	492	4	
	9	12.82	8.6	509	85	
162	9½	5 15.71	49 28 9.9	114	86	
163	7½	5 15.91	62 19 55.9	123	83	
164	9	3 5 16.60	34 35 5.9	93	114	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
165	8	3 5 18.17	72 29 6.5	125	14	
166	8	5 18.88	49 26 17.8	114	85	
167	8	5 20.03	49 29 35.1	114	87	
168	8	5 23.44	33 31 30.3	93	113	
	7½	23.50	29.5	490	7	
	7½	23.57	30.6	107	153	
169	7½	5 26.75	61 37 39.6	123	86	
170	9	5 34.87	31 1 9.5	492	5	
171	8½	5 35.24	45 28 2.6	76	98	
172	8	5 37.15	35 2 25.5	129	38	
	8½	37.21	26.1	516	45	
	8½	37.29	24.0	93	115	
173	8½	5 38.65	29 54 50.6	506	109	
	8½	38.86	51.3	492	7	
	8½	38.86	50.9	73	134	
174	9	5 40.27	24 30 8.2	514	60	
	9	40.43	8.9	63	13	
175	8	5 40.28	25 18 43.3	69	123	
176	9	5 43.63	42 42 15.7	488	8	
177	8½	5 45.28	44 11 41.0	512	48	
178	9½	5 45.28	72 41 37.8	131	17	
	9	45.97	40.0	125	17	
179	7½	5 50.92	74 48 7.3	131	13	
	7½	50.99	8.2	125	15	
180	8	5 51.09	73 57 7.8	131	14	
181	9	5 51.87	62 14 58.9	123	85	
182	8	5 55.06	60 57 10.9	123	87	
183	8	5 55.36	66 23 50.9	81	63	
184	7	5 59.03	39 31 32.4	109	19	
	7	59.08	32.6	130	20	
185	9	6 0.99	30 58 24.2	492	6	
	9	1.04	20.2	84	9	
186	9	6 1.28	37 39 19.7	78	77	
187	8½	6 2.36	32 33 30.3	84	8	
	8½	2.38	33.0	107	154	
	8	2.43	33.0	490	9	
188	9	6 3.07	42 24 37.6	488	9	
	8½	3.10	37.3	134	9	
189	8½	6 3.39	26 0 27.8	514	61	dpl. II. s.
	8½	3.39	27.1	69	124	
	8½	3.50	27.8	484	31	
190	9	6 3.74	35 6 24.9	93	116	
	9	3.91	25.0	516	46	
	9	3.91	24.2	129	39	
191	7½	6 9.88	51 18 26.8	116	99	
192	8½	6 12.69	68 55 48.6	120	69	
193	9½	6 13.62	55 29 57.4	128	49	
194	9	6 16.39	43 18 43.0	99	7	
	9	16.40	41.8	512	49	
195	9	6 20.99	73 5 53.9	131	15	
196	9	6 22.09	46 49 12.6	76	100	
197	8½	6 22.45	55 57 41.3	128	48	
	8	22.47	42.4	501	37	
198	6½	6 23.66	49 12 22.6	114	88	
199	9	6 32.85	59 13 22.6	91	29	
200	8½	6 33.52	57 25 16.4	501	38	
	9	33.73	15.6	128	47	
201	7	6 33.87	29 37 57.4	506	110	
	8	33.89	57.4	73	135	
202	8½	6 34.01	38 29 29.8	78	78	
203	9½	6 34.97	43 19 33.5	99	8	
	9	35.05	31.6	512	50	
204	7	6 39.40	72 30 11.1	125	16	
	7½	39.78	11.1	131	19	
205	7	6 43.77	65 2 39.4	81	64	
206	9	3 6 43.87	34 56 22.2	129	40	
	9½	43.89	23.6	93	117	
	9	43.91	23.9	516	47	
207	9½	3 6 45.14	29 38 54.6	506	111	
	9	45.24	57.7	73	137	
208	9	6 45.45	31 14 53.8	492	8	
	9	45.53	52.7	107	155	
209	4	6 45.58	29 28 52.1	73	136	
	3½	45.61	51.4	506	112	
210	8½	6 46.49	43 7 19.3	134	10	
	9	46.63	19.2	488	10	
211	8½	6 48.23	33 15 8.6	93	118	
212	8	6 49.84	46 49 26.4	114	89	
	8	49.99	21.9	76	101	
213	8½	6 50.20	51 13 9.3	116	100	
214	6½	6 51.55	69 44 30.0	120	71	
215	9	6 53.60	29 33 58.1	73	138	
	9	53.61	55.7	506	113	
216	9	6 55.77	77 58 19.8	127	21	
	9½	55.78	19.2	127	24	
217	9	6 55.96	72 46 43.6	131	16	
	8½	56.10	44.9	125	18	
218	9½	6 56.48	70 22 3.8	120	72	
219	9	6 58.42	23 28 34.0	63	14	
220	8	7 2.78	76 10 25.8	127	22	
221	7½	7 8.08	39 29 37.0	109	20	
	7	8.12	35.9	130	21	
222	8	7 10.88	77 38 35.0	127	20	
223	8½	7 10.98	59 41 34.7	91	30	
224	8½	7 12.71	27 25 25.6	46	89	
225	8	7 13.07	35 21 12.5	129	41	
	8	13.09	13.0	516	48	
226	8½	7 14.07	32 10 19.0	84	10	
	8½	14.11	20.8	490	10	
	9	14.12	22.1	107	156	
	8½	14.13	23.1	492	9	
227	7	7 14.42	39 50 9.9	130	22	
	7	14.52	11.2	109	21	
228	8	7 22.77	65 19 41.3	81	65	
229	7	7 24.56	32 52 3.5	93	119	
	7	24.62	2.7	490	11	
	7	24.66	2.3	84	12	
230	9½	7 25.73	36 16 46.9	129	42	
231	9½	7 27.65	55 29 54.6	128	51	
	9½	27.76	52.4	501	40	
232	9	7 27.66	59 17 59.4	91	31	
233	8	7 28.58	31 35 56.9	84	11	
	7½	28.60	60.1	492	10	
	7½	28.73	56.7	107	157	
234	7	7 31.86	58 16 54.7	91	32	
235	8	7 32.87	26 43 46.1	484	32	
	7½	33.02	47.4	69	125	
236	9½	7 34.38	55 37 59.1	128	50	
237	7	7 35.62	40 52 50.3	134	11	
	7	35.82	49.6	130	23	
	7	35.88	49.9	488	11	
	7½	35.94	50.2	109	22	
238	7½	7 36.66	29 14 37.0	506	114	
	8	36.67	39.6	73	139	
239	9	7 39.64	38 34 15.4	78	80	
240	8½	7 39.98	72 47 48.2	131	18	
	8	40.24	49.0	125	19	
241	9½	7 40.03	55 21 38.1	128	52	
	9	40.06	34.3	501	39	
242	9	7 41.20	38 39 12.4	78	79	
243	8½	7 41.87	58 10 15.9	91	33	
244	8½	7 42.23	62 49 33.5	123	88	
245	8½	7 44.63	50 44 32.3	116	101	
246	9½	7 51.90	53 19 17.2	119	96	
247	9	7 56.55	53 21 18.4	119	97	
248	8½	3 7 59.06	23 29 43.4	63	15	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
249	6½	3 8 2.08	44 53 19.9	76	102	
	6	2.34	19.6	512	51	
	6	2.42	20.0	99	9	
250	7½	8 2.36	28 2 35.1	506	115	
	7	2.54	38.0	46	90	
	7	2.56	36.2	484	33	
251	8½	8 3.17	38 35 37.0	78	81	
252	8	8 7.15	25 20 22.9	69	126	
	8½	7.16	21.6	514	62	
253	6	8 7.71	36 24 45.0	516	50	
	6	7.72	45.4	129	43	
254	8	8 8.24	29 26 26.6	506	116	
	8	8.34	26.6	73	140	
255	9	8 8.26	34 50 42.9	93	120	
	8½	8.27	44.0	516	49	
256	8½	8 8.72	72 11 37.5	125	21	
	9	8.77	36.5	131	20	
257	9	8 10.16	34 1 45.9	490	12	
258	9	8 14.28	66 50 52.7	81	69	
259	8	8 14.36	46 57 30.6	114	90	
260	9	8 15.51	36 56 51.8	516	51	
	8½	15.52	52.2	78	82	
261	9½	8 16.53	45 36 48.7	76	103	
262	9	8 18.44	65 27 49.4	81	66	
263	9	8 20.35	29 5 52.1	46	91	
264	7	8 25.20	30 16 17.6	73	141	
265	8½	8 25.59	42 50 36.7	512	52	
	8	25.65	37.1	488	12	
	8	25.70	37.1	134	12	
	8	25.77	37.5	99	10	
266	9	8 28.41	30 41 26.3	492	11	
267	9	8 29.52	57 26 51.2	91	34	
268	9	8 29.87	24 45 54.1	514	63	
	9	29.88	53.7	63	16	
269	8	8 40.44	65 26 10.6	81	67	
270	8½	8 40.54	36 51 56.5	78	83	
	9	40.72	56.5	516	52	
271	7	8 41.35	41 50 51.0	488	13	
272	7½	8 44.40	56 52 19.9	501	42	
273	10	8 45.56	62 13 3.9	123	89	
274	7½	8 45.80	47 37 23.0	114	91	
275	9	8 47.61	56 47 42.5	501	41	
276	8	8 49.77	33 17 50.3	93	121	
	7½	49.86	51.4	490	13	
277	8½	8 53.20	66 58 8.7	81	68	
	8½	53.31	10.6	81	70	
	9½	53.48	9.9	120	74	
278	9	9 0.45	72 29 15.9	131	21	
	8	0.80	15.9	125	20	
279	8	9 1.77	67 58 37.3	120	73	
280	8	9 2.26	48 15 10.4	114	93	
281	7	9 6.99	39 16 29.5	109	23	
	7½	7.03	28.6	130	24	
282	9	9 11.06	55 38 56.3	501	43	
	9½	11.17	56.2	128	53	
283	9½	9 12.93	33 7 9.0	490	14	
284	7½	9 13.81	49 47 49.8	116	102	
285	9	9 14.19	34 4 44.8	490	15	
286	8	9 16.99	46 23 1.9	76	105	
287	8½	9 20.78	26 54 54.9	69	128	
	9	20.79	55.6	484	34	
288	8	9 21.34	51 34 8.0	116	103	
289	8½	9 22.80	46 19 7.0	76	106	
290	6½	9 23.29	57 47 23.4	91	35	red
291	8	9 24.90	46 3 43.1	76	104	
292	8	9 25.14	47 39 43.7	114	92	
293	8½	9 29.39	78 5 8.6	127	23	
294	7½	3 9 32.93	40 43 20.3	109	24	
	7½	33.00	18.8	130	25	
295	9	3 9 33.17	60 19 14.2	91	37	
	9½	33.47	14.2	123	91	
296	9½	9 36.39	24 24 12.1	514	64	
297	6½	9 37.60	26 33 52.0	484	35	
	6½	37.81	53.2	69	127	
298	9	9 43.07	27 58 1.8	506	117	
299	10	9 44.17	30 41 56.4	492	12	?
300	7	9 45.17	36 1 23.7	516	53	
	7	45.20	23.1	129	44	
301	8½	9 45.56	34 19 37.6	93	122	
302	9	9 47.89	22 56 45.6	63	17	
303	9½	9 48.20	32 21 9.2	84	13	
304	9	9 48.39	62 45 16.2	123	90	
305	8	9 48.44	33 53 40.2	490	16	
	8½	48.48	41.9	93	123	
306	8½	9 54.96	68 41 10.1	120	77	
307	9	9 56.00	49 2 43.8	114	94	
308	8	9 56.49	43 8 17.7	134	13	
	8	56.55	18.3	512	54	
	8½	56.56	21.0	99	11	
	8	56.69	18.2	488	14	
309	10	9 56.62	43 12 61.6	512	53	
	9½	56.76	59.6	488	15	
	9½	56.83	62.8	99	12	
310	7½	9 56.78	28 48 35.8	506	119	
	7½	56.84	33.1	46	92	
	7½	56.90	33.7	73	142	
311	9	9 57.12	58 18 2.7	91	36	
312	8	9 59.30	50 22 39.0	116	104	
313	9	10 2.02	53 8 1.6	119	98	
314	9	10 16.57	28 28 17.0	506	118	
	9	16.63	20.9	46	93	
315	9	10 18.92	36 51 46.7	78	84	
316	9½	10 18.97	29 29 42.7	73	143	
317	8½	10 21.87	25 37 27.4	514	65	
318	8½	10 23.70	56 31 49.7	501	44	
	8½	23.75	50.6	128	54	
319	8	10 24.30	39 30 57.1	130	26	
320	10	10 24.71	67 6 10.0	120	75	
321	10	10 25.65	39 57 43.0	109	25	
322	8½	10 28.18	26 51 15.6	69	129	
	8½	28.36	16.2	484	36	
323	8½	10 28.66	26 57 44.9	69	130	
	9	28.73	44.5	484	37	
324	9	10 29.82	33 38 14.8	93	124	
	8½	29.82	14.0	490	17	
325	7½	10 31.27	35 18 25.9	129	45	
	8	31.55	25.4	516	54	
326	8	10 33.92	27 35 29.6	46	94	
327	10	10 36.72	67 19 33.3	120	76	
328	8	10 41.85	39 27 51.0	130	28	
329	8	10 42.35	41 41 39.4	488	17	
	8	42.48	39.2	134	14	
330	9	10 42.82	57 22 53.6	501	45	
	9½	42.95	52.9	128	55	
331	8½	10 45.30	70 15 43.9	120	78	
332	9½	10 46.19	33 15 57.5	93	125	dpl. IV.
	9½	46.26	59.0	490	18	
333	7½	10 47.41	40 13 34.1	109	26	
	7½	47.41	31.4	130	27	
334	8½	10 47.85	39 9 37.0	78	86	
335	8½	10 48.34	29 5 48.0	506	120	
	8½	48.47	49.7	73	144	
336	9	10 49.95	43 10 35.5	99	13	
	9	49.98	32.0	488	16	
337	7	10 52.50	46 7 59.9	76	107	
338	9	10 54.20	37 41 45.8	78	85	
339	7½	11 0.46	51 0 57.8	116	105	
340	9	3 11 1.17	25 3 44.8	514	67	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
341	8	3 11 2.06	39 31 29.6	130	29	
342	6½	11 2.16	31 17 24.1	492	13	
	6½	2.19	22.6	84	14	
343	9	11 5.14	48 59 2.2	114	95	
344	8	11 6.00	59 34 33.6	91	38	
345	8	11 8.40	26 57 58.8	69	131	
	8½	8.47	61.0	484	38	
346	9½	11 8.90	55 42 33.4	501	46	
	9½	9.13	34.2	128	56	
347	8	11 11.39	43 44 55.5	99	14	
348	9	11 19.38	28 57 2.4	73	145	
	8½	19.39	1.4	506	121	
	8½	19.46	1.3	46	95	
349	7	11 20.37	74 46 32.5	125	22	
	7	20.45	30.9	131	23	
350	9	11 21.58	76 27 13.6	127	27	
351	9½	11 23.97	32 6 55.1	492	14	
352	8½	11 28.74	46 0 8.2	76	108	
353	9½	11 29.70	33 16 50.9	93	126	
354	8½	11 30.30	25 5 21.1	69	132	
	8½	30.50	19.2	514	66	
355	7	11 38.90	36 9 6.4	516	55	
356	9½	11 39.43	60 57 4.8	123	92	
357	8½	11 39.87	23 29 2.9	63	18	dpl. III. sq.
358	9½	11 40.86	32 32 58.9	84	16	
	9½	41.10	60.3	490	20	
359	9½	11 41.42	32 27 42.8	490	19	
360	9	11 42.76	68 47 5.1	120	79	
361	8½	11 43.52	74 32 33.1	125	24	
	9	43.66	31.5	131	22	
362	8	11 47.25	79 27 57.7	127	25	
363	8	11 47.80	31 48 41.1	84	15	
	7	47.89	41.8	492	15	
364	7	11 48.34	23 58 49.0	514	68	
	7	48.67	48.2	63	19	
365	9½	11 48.36	55 43 19.8	128	57	
366	6	11 51.47	79 27 45.9	127	26	
367	9½	11 52.03	40 21 18.5	109	27	
368	8½	11 56.02	33 23 12.3	93	127	
	8½	56.19	13.4	490	21	
369	8½	11 58.47	66 17 35.6	81	72	
370	8½	11 58.50	36 10 24.6	516	56	
371	7	12 2.34	59 58 31.6	91	39	
372	9½	12 2.90	55 5 18.6	128	58	
	9	3.00	19.6	501	47	
373	8½	12 8.26	43 13 31.7	99	15	
374	9½	12 10.71	59 39 18.0	91	40	
375	9½	12 10.77	73 54 14.5	131	26	
376	7½	12 11.33	41 43 50.4	134	16	
	7½	11.33	49.9	488	18	
377	9	12 14.17	29 15 36.8	506	123	
	9	14.33	38.9	73	146	
378	8½	12 14.41	50 36 49.2	116	106	
379	8½	12 14.41	61 5 55.0	123	95	
	8	14.60	55.8	123	93	
380	9	12 16.42	42 59 15.2	488	19	
	8½	16.50	12.0	134	15	
381	8½	12 21.91	76 10 42.1	127	28	
382	9	12 27.72	67 38 54.9	120	80	
383	10	12 28.73	57 28 47.9	128	59	
384	7½	12 29.06	26 48 39.0	484	39	
	7	29.13	37.1	69	133	
385	9	12 32.09	31 42 0.0	84	17	
	9	32.27	1.6	492	16	
386	8½	12 32.56	46 35 34.2	76	109	
387	9	12 34.69	61 50 15.3	123	94	
388	8	12 39.06	67 7 8.7	81	71	
	9	39.35	7.5	120	81	
389	9½	3 12 39.15	42 51 19.0	488	20	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
390	8	3 12 43.62	75 7 52.9	131	24	
391	6	12 46.71	29 15 14.1	506	122	
	6	46.75	15.4	73	147	
392	8	12 47.74	40 55 41.8	134	17	
	9	47.80	42.5	109	28	
	7½	47.90	43.2	130	30	
393	7½	12 50.36	74 28 57.7	125	23	
	8	50.40	58.0	131	25	
394	5	12 50.56	22 58 10.6	63	21	
395	9½	12 52.89	48 29 21.2	114	96	
396	8	12 54.54	43 51 57.8	99	16	
397	8½	12 58.72	24 33 31.8	514	69	
	8½	58.93	32.4	63	20	
398	8	12 58.84	39 25 13.8	130	32	
399	9	13 1.54	72 33 30.3	125	26	
	9½	1.74	29.6	131	27	
400	10	13 5.31	36 49 28.9	516	57	?
401	9	13 5.71	40 47 46.7	109	29	
	8	5.89	46.4	130	31	
402	7	13 12.—	64 54 10.8	81	74	dpl. III. n. pr.
403	9½	13 12.63	59 28 28.9	91	41	
404	8½	13 15.05	72 42 2.7	125	25	
	9	15.23	3.2	131	28	
405	8½	13 20.32	25 53 4.6	484	40	
	8½	20.34	4.8	69	134	
	8½	20.38	4.5	514	70	
406	10	13 21.38	54 33 0.2	128	60	
407	8	13 21.83	75 54 7.1	127	29	
408	6½	13 22.27	48 12 38.8	114	97	
409	8	13 23.60	50 25 39.4	116	107	
410	8½	13 25.23	46 39 36.9	76	110	
411	8	13 26.85	38 50 10.4	78	87	
	9	27.06	9.2	109	30	
	8½	27.17	9.9	130	33	
412	8½	13 27.01	29 58 20.3	506	124	
	8½	27.03	20.2	73	148	
	9	27.24	21.4	492	17	
413	9	13 35.05	42 1 48.5	488	21	
414	9½	13 35.64	45 9 30.1	99	17	
415	8	13 46.08	35 37 21.7	516	58	
416	9	13 46.92	66 5 30.7	81	73	
417	9	13 47.84	40 26 56.2	109	31	
	8½	47.93	57.3	130	34	
418	8	13 51.76	38 45 34.4	78	88	
419	8	13 51.99	49 44 34.6	116	108	
420	8	13 55.12	25 15 30.2	69	136	
	8½	55.14	29.5	514	71	
421	8½	13 56.88	42 43 48.6	488	23	
	8	56.94	46.8	134	18	
422	8½	14 4.22	24 56 45.8	69	135	
423	8½	14 4.52	34 33 57.3	93	128	
424	6	14 7.94	24 34 34.8	514	72	
	6	8.14	35.0	63	22	
425	8	14 11.80	41 36 54.3	134	20	
	8½	11.81	54.4	488	22	
426	8	14 12.37	43 5 51.9	134	19	
	8	12.49	53.9	99	18	
427	8	14 14.46	26 1 55.9	484	41	
	8	14.56	57.5	69	137	
428	9	14 17.80	55 56 20.0	128	61	
	9	17.81	20.6	501	48	
429	7½	14 18.40	70 14 32.9	120	82	
430	8½	14 19.24	35 56 58.8	516	60	
431	8½	14 21.61	32 0 59.3	492	19	
	8½	21.67	58.3	84	18	
432	7	14 22.90	35 27 29.3	516	59	
433	8½	14 25.95	49 27 8.9	116	109	
	9	26.13	5.6	114	98	
434	9½	3 14 27.56	53 18 42.4	119	100	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
435	7½	3 14 32.81	37 1 15.9	78	89	
	8	32.92	17.3	516	61	
436	9½	14 33.52	57 0 14.1	128	62	
437	9½	14 40.30	34 28 39.8	93	129	
438	8½	14 44.05	30 40 48.0	73	149	
	8	44.18	47.3	492	18	
439	7	14 44.77	29 26 43.6	506	127	
	8	44.97	42.6	73	150	
440	8½	14 45.51	29 14 4.8	73	152	
	8	45.78	3.1	506	125	
441	7	14 46.40	29 18 17.7	506	126	
	7½	46.54	16.8	73	151	
442	7½	14 49.75	51 45 4.5	116	110	
	8	49.89	5.3	119	99	
443	9½	14 50.35	31 36 25.7	492	20	
444	4½	14 55.73	43 32 59.5	99	21	
445	8	14 59.54	34 27 54.6	93	130	
446	7½	15 0.81	24 33 56.6	514	73	
	8	0.85	58.6	63	24	
447	9	15 1.85	23 9 46.5	63	23	
448	6	15 3.21	63 3 14.4	123	97	
449	7	15 3.98	43 1 29.2	134	21	
	8	4.15	32.3	99	19	
	7½	4.18	30.6	488	24	
450	9	15 5.76	60 3 49.8	91	42	
451	9	15 7.37	43 5 16.4	488	25	
	9½	7.55	18.2	99	20	
452	8½	15 8.07	56 16 36.1	501	49	
453	9	15 9.37	57 1 27.9	501	50	
	9½	9.70	29.4	128	63	
454	8½	15 13.28	45 33 45.2	76	111	
455	8½	15 22.95	45 47 42.3	76	112	
456	7	15 23.48	26 44 39.2	484	43	
	7	23.65	37.8	69	138	
457	9	15 24.16	49 17 0.8	114	99	
	8½	24.27	4.0	116	112	
458	6½	15 24.82	27 3 31.7	69	139	
	6½	24.83	33.1	484	42	
459	6	15 29.69	62 59 1.3	123	98	
460	8½	15 30.26	63 31 46.3	123	96	
461	8	15 30.94	51 19 45.8	116	111	
462	8½	15 33.49	40 44 47.1	130	35	
	9	33.60	48.0	109	32	
463	8½	15 41.10	51 0 2.7	116	113	
464	8	15 43.08	26 37 18.9	484	44	
	8	43.24	18.5	69	140	
465	9½	15 43.83	42 9 47.9	488	26	
466	8½	15 44.64	36 35 56.0	516	62	
467	9	15 47.90	45 41 32.0	76	113	dpl.
468	8	15 47.96	37 13 35.2	78	90	
469	9½	15 48.87	35 39 1.0	516	63	
470	8½	15 53.87	77 29 28.9	127	30	
471	7½	15 54.12	58 26 9.8	91	43	
	7½	54.15	11.0	91	44	
472	6	15 56.47	24 5 4.3	514	74	
	6	56.57	4.4	63	25	
473	8	15 58.86	34 0 19.7	490	22	
	8½	58.99	20.6	93	131	
474	8	16 1.93	78 22 38.7	127	31	
475	9	16 3.99	29 19 8.2	73	153	
476	7½	16 6.37	46 16 46.5	76	114	
477	9	16 9.22	30 26 10.3	492	21	
478	10	16 9.98	31 26 36.5	84	19	
479	7½	16 12.92	37 54 1.2	78	91	
480	8½	16 14.10	56 58 0.9	501	51	
	9	14.18	1.1	128	64	
481	9½	16 18.97	28 36 43.2	506	128	
	9	19.29	45.0	46	96	
482	8½	3 16 24.40	48 21 35.0	114	100	
483	9	3 16 29.90	32 52 5.2	93	132	
	8½	29.93	7.0	490	23	
484	8½	16 33.05	26 43 32.4	69	141	
	8½	33.23	33.1	484	46	
485	8½	16 33.24	52 28 45.2	119	101	
486	6½	16 34.51	67 22 50.6	120	84	
487	9	16 34.71	41 36 40.4	488	27	
488	9½	16 37.16	71 46 16.3	131	30	
489	8	16 38.22	31 33 45.5	492	22	
	8	38.24	44.7	84	20	
490	8½	16 40.06	68 36 51.0	120	83	
491	9½	16 48.39	54 59 54.5	128	65	
492	6½	16 53.90	26 2 8.7	484	45	
	6½	53.98	9.5	514	75	
	6	53.99	10.1	69	142	
493	10	16 55.23	31 33 14.8	492	23	
	10	55.60	15.9	84	21	
494	7	16 57.92	74 0 18.8	125	27	
	8½	58.07	17.6	131	29	
495	9	17 3.72	49 3 29.5	114	101	
496	9½	17 4.50	25 28 45.9	69	143	
497	9	17 7.50	40 21 11.7	109	33	
	8½	7.57	9.8	130	36	
498	8½	17 16.23	37 4 36.8	78	92	
	9	16.44	33.9	516	64	
499	8½	17 16.77	79 50 56.5	127	33	
500	7½	17 23.48	66 20 13.8	81	75	
501	9	17 25.84	30 38 38.4	73	154	
	9	25.86	40.6	492	24	
502	8	17 27.03	27 41 8.3	484	48	
	7½	27.26	7.8	46	97	
503	8½	17 27.04	60 56 43.4	123	99	
504	9	17 27.97	70 55 53.0	120	86	
	8	28.05	54.0	125	28	
	9	28.12	53.7	131	31	
505	9	17 28.14	53 30 17.0	119	102	
506	6½	17 31.05	48 13 27.3	114	102	
507	9½	17 31.19	37 5 3.1	78	93	
	9½	31.67	3.9	516	65	
508	7½	17 31.25	66 10 47.0	81	76	
509	8½	17 31.40	35 5 17.0	516	66	
	9	31.42	18.1	93	133	
510	8	17 36.53	27 44 54.2	484	47	
	7½	36.55	55.1	46	98	
511	9½	17 41.86	54 50 18.4	501	52	
	9½	42.16	18.3	128	66	
512	8½	17 44.30	40 43 13.5	109	34	
	8	44.47	14.2	130	37	
513	8½	17 45.28	41 45 56.8	488	28	
	8	45.51	56.3	134	22	
514	8	17 49.69	26 33 59.3	484	49	
	8	49.86	58.9	69	144	
515	9	17 55.—	29 48 40.9	73	155	
	9	55.30	43.2	506	129	
516	9	17 57.50	70 24 21.0	120	85	
517	8	17 59.14	37 1 27.4	78	94	
	9	59.45	26.7	516	67	
518	8	18 0.43	38 54 20.6	78	95	
	9½	0.67	23.2	109	35	
	8½	0.67	22.2	130	38	
519	7	18 2.83	47 12 31.3	114	103	
	7	2.97	27.3	76	115	
520	10	18 3.37	53 43 49.7	119	103	
521	8½	18 13.97	54 28 10.5	119	104	
	9	14.06	11.6	128	67	
522	7½	18 16.38	79 17 0.2	127	34	
523	9	18 18.54	51 26 11.1	116	114	
524	9½	18 18.88	56 23 12.1	128	68	
525	8	3 18 19.20	44 34 37.1	99	22	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
526	7½	3 18 24.13	28 22 27.4	506	130	
527	7½	18 25.02	41 42 2.9	134	23	
	7½	25.14	2.9	488	29	
528	9	18 30.73	44 43 59.8	99	23	
529	9½	18 31.22	67 36 29.1	120	88	
530	8½	18 31.25	25 40 51.5	514	76	
531	8	18 33.05	60 5 16.8	91	45	
532	9	18 33.11	29 34 2.9	506	131	
	8½	33.39	1.5	73	156	
533	8	18 37.32	26 39 39.5	484	50	pr.
	8	37.48	38.6	69	145	
534	8	18 39.06	26 39 39.5	484	51	sq.
535	9½	18 41.02	29 27 54.8	506	132	
	9	41.05	50.8	73	157	
536	7½	18 43.02	26 28 44.4	484	52	
	8	43.12	39.5	69	146	
537	7	18 43.52	33 9 5.0	84	22	
	6½	43.57	5.4	490	24	
	6½	43.59	4.7	93	134	
538	9½	18 45.34	71 55 51.9	131	32	
539	8½	18 49.23	38 49 19.2	78	96	
	9½	49.49	22.8	109	36	
	8½	49.50	19.6	130	39	
540	7½	18 50.43	24 44 40.5	514	77	
	8	50.60	39.1	63	26	
541	9	18 50.71	62 31 17.8	123	100	
542	9	18 50.79	47 6 25.9	114	105	
	9	50.79	25.2	114	104	
	9	51.01	22.4	76	116	
543	8½	18 51.39	30 59 13.1	73	158	
	8	51.59	12.9	492	25	
544	8	18 53.64	44 40 39.6	99	24	
545	8½	18 53.84	27 34 59.8	46	99	
546	8	18 54.41	41 48 31.9	134	24	
	8	54.49	31.7	488	30	
547	7½	18 57.34	66 14 12.6	81	77	
548	8½	18 57.88	55 8 8.8	501	53	
549	9	18 58.88	61 55 59.3	123	101	
550	7½	18 59.45	40 31 13.3	109	37	
	7	59.58	12.3	130	40	
551	6	19 6.53	77 50 37.7	127	32	
552	7½	19 10.12	51 45 30.9	116	117	
553	9	19 11.64	27 35 35.4	46	100	
554	9	19 13.22	42 12 24.8	134	25	
555	7½	19 13.80	37 36 41.8	78	97	
556	8½	19 16.82	37 43 37.5	78	98	
557	7½	19 17.43	31 34 26.7	492	26	
	8	17.54	27.0	84	23	
558	8½	19 19.59	26 35 44.2	484	53	
	8	19.62	45.3	69	147	
559	7½	19 19.99	59 8 35.1	91	46	
560	8	19 21.47	52 0 0.3	116	118	
561	9½	19 23.16	56 43 37.7	128	69	
	9½	23.27	37.1	501	54	
562	9½	19 23.24	50 26 51.6	116	116	} dpl.
563	8	19 24.29	50 26 43.3	116	115	
564	9½	19 24.74	41 37 10.3	488	31	
565	9½	19 29.39	61 26 12.6	123	102	
566	8½	19 30.15	26 11 34.6	514	78	
	8	30.16	35.1	69	148	
	8½	30.23	35.6	484	54	
567	8½	19 34.92	28 12 43.7	105	1	
568	7	19 36.33	41 40 22.7	134	26	
	7	36.39	23.0	488	32	
569	7½	19 37.35	71 53 29.0	125	29	
	8	37.60	27.6	131	33	
570	9	19 38.96	54 27 39.9	119	105	
571	8½	3 19 50.25	48 38 38.3	114	106	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
572	8	3 19 53.52	27 41 10.8	46	101	
	8	53.59	8.6	105	2	
573	9	19 55.21	37 40 11.2	78	99	
574	8½	19 56.39	46 4 13.5	76	118	
575	8	19 58.20	26 24 14.9	484	55	
	7½	58.36	13.0	69	149	
576	8½	19 58.48	24 55 26.7	63	28	
	9	58.51	23.5	514	79	
577	9½	19 59.04	57 19 33.8	128	70	
578	8½	19 59.12	25 1 8.2	514	80	
	8½	59.31	7.4	63	27	
579	9	19 59.57	30 36 52.6	73	159	
580	8½	19 59.72	54 36 30.2	501	55	
	8½	59.88	38.4	119	106	
581	8	20 0.36	63 7 26.0	142	1	
	9½	0.54	25.6	123	103	
582	8	20 1.88	30 17 1.6	73	160	
	7	1.99	4.0	492	27	
583	7½	20 2.35	45 32 23.8	76	117	
584	8	20 3.67	59 24 7.7	91	47	
585	9½	20 3.93	56 23 29.5	128	71	
586	9	20 4.75	41 38 38.6	488	33	
	8½	4.76	39.0	134	27	
587	7	20 5.67	74 25 54.3	125	31	
	8	6.—	53.6	131	37	
588	7	20 6.49	68 58 56.0	120	87	
589	9	20 6.62	36 39 11.0	516	68	
590	8½	20 11.21	59 22 40.5	91	49	
591	8½	20 13.37	64 0 11.5	81	79	
592	8	20 18.23	46 17 43.5	76	120	
593	7½	20 18.95	27 42 47.9	46	102	
	7½	19.03	45.5	105	3	
594	8	20 19.91	72 25 35.0	125	30	
	8½	20.15	34.9	131	35	
595	8	20 22.11	45 8 24.0	99	25	
596	7½	20 23.35	46 6 21.8	76	119	dpl. I. n.
597	7½	20 26.99	37 35 36.4	78	100	
598	9½	20 28.08	30 59 28.0	84	24	
	9½	28.31	30.3	492	28	
599	9	20 32.60	26 45 40.0	484	56	
600	8	20 32.95	59 17 33.4	91	50	
601	9½	20 38.02	56 29 7.0	128	72	
602	9	20 41.87	23 20 22.3	63	29	
603	9½	20 45.43	73 44 26.6	131	36	
604	7½	20 48.86	59 26 5.8	91	48	
605	8	20 51.31	66 13 30.7	81	78	
606	9½	20 51.62	46 54 34.1	114	107	
607	7½	20 52.36	38 45 12.1	78	101	
	7	52.44	10.4	130	41	
608	8	20 52.98	50 26 49.6	116	120	
609	6½	20 53.41	51 30 13.6	116	119	
610	8½	20 53.52	62 48 3.0	142	2	
611	8	21 1.07	48 22 31.5	114	108	
612	8	21 2.18	31 3 51.9	73	161	
	8	2.20	54.0	84	25	
	7½	2.31	54.6	492	29	
613	9	21 3.54	44 58 12.1	99	26	
614	9	21 4.01	32 6 3.2	492	31	
	9	4.03	1.3	490	25	
615	6	21 5.91	27 45 28.1	484	58	
	6	5.96	27.8	105	4	
	7	5.97	28.4	46	104	
616	6½	21 5.96	36 21 35.6	516	70	
617	8½	21 7.49	68 55 3.1	120	89	
618	7½	21 8.02	45 42 34.9	76	121	
619	8	21 9.37	36 23 48.7	516	69	
620	9	21 9.56	31 12 0.9	492	30	
621	9	3 21 12.52	29 58 59.6	506	133	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
622	8	3 21 12.79	41 45 54.7	488	35	
	7½	12.87	54.0	134	28	
623	9	21 14.45	34 13 11.9	93	135	
624	8½	21 14.60	27 25 28.1	46	103	
	8½	14.71	24.8	484	57	
625	8½	21 14.76	65 59 57.4	81	80	
626	8½	21 15.56	41 13 31.5	488	34	
627	7½	21 24.25	57 59 32.7	91	52	
628	9	21 25.04	38 48 6.8	78	102	
629	9½	21 27.20	43 25 20.8	99	27	
630	7½	21 30.95	28 59 55.3	506	134	
	7½	31.20	57.0	73	163	
	7½	31.21	55.7	105	5	
631	8½	21 32.37	71 57 21.4	125	32	
	9	32.63	15.6	131	34	
632	8½	21 34.22	38 40 17.4	78	103	
633	9	21 37.32	32 30 49.2	490	26	
634	10	21 41.22	67 37 6.9	120	90	
635	9½	21 42.25	57 0 41.1	128	73	
636	9	21 42.44	41 20 32.5	488	37	
637	6½	21 43.68	42 4 31.7	488	36	
	6½	43.80	32.3	134	29	
638	9½	21 49.59	34 13 49.6	93	136	
639	8	21 50.17	52 49 14.6	119	107	
	7½	50.18	14.4	520	1	
640	9	21 50.30	60 17 17.7	91	51	
	9½	50.40	16.5	123	104	
641	8½	21 50.44	78 56 54.7	127	35	
642	9	21 53.10	25 48 33.5	69	151	
643	10	21 53.84	33 53 51.3	490	27	
644	8½	21 53.85	30 53 59.8	84	26	
	8½	53.88	60.5	73	162	
	8	54.04	62.8	492	33	
645	7½	21 55.97	27 20 49.9	46	105	
	8	56.06	47.7	484	59	
646	8½	21 59.16	26 41 44.9	484	60	
	8½	59.28	43.4	69	150	
647	8½	21 59.94	43 16 32.3	99	28	
648	8	22 0.73	69 45 14.8	137	1	
	9	1.04	12.8	120	91	
649	9	22 1.08	41 0 26.0	109	38	
	8½	1.09	24.7	488	38	
	8	1.21	24.4	130	42	
650	8	22 10.88	62 15 59.8	142	3	
	9½	11.13	58.1	123	105	
651	8½	22 12.17	28 10 52.4	506	135	
	8	12.29	52.8	105	6	
	8½	12.37	52.1	484	61	
652	7½	22 14.26	51 14 26.4	116	121	
653	9	22 14.58	44 3 0.3	99	29	
654	9	22 14.77	25 50 7.1	69	152	
	9	14.91	6.4	514	81	
655	9	22 15.09	49 10 50.5	114	109	
656	8	22 24.01	38 19 47.4	78	104	dpl. III. s. pr.
657	9½	22 25.02	31 39 24.2	492	32	
658	9	22 26.59	27 51 2.6	506	136	
	9	26.66	5.8	46	106	
	8½	26.73	1.1	105	7	
659	9	22 27.81	25 28 19.3	69	153	
660	8	22 29.42	34 56 29.6	139	1	
	9	29.61	29.5	93	137	
661	8	22 35.76	63 28 39.3	81	82	
	9	36.09	35.2	123	107	
662	9½	22 37.79	78 49 33.1	127	36	
663	9	22 40.34	32 40 33.0	84	27	
664	6	22 42.77	36 7 1.1	516	71	
665	7½	22 43.31	63 0 4.8	142	4	
	9	43.44	5.6	123	106	
666	10	3 22 45.34	55 1 52.0	128	74	
667	8½	3 22 53.00	41 39 14.9	134	31	
668	8	22 54.21	75 2 13.8	125	33	
	8½	54.22	12.8	131	38	
	8	54.64	13.1	127	37	
669	9	22 54.23	51 4 53.4	116	124	
670	7	23 0.44	40 18 55.7	130	43	
	7	0.55	55.3	109	39	
671	8	23 2.25	55 19 46.3	501	56	
	8½	2.26	46.7	128	75	
672	9	23 2.37	29 51 41.3	506	137	
	9	2.44	41.9	73	164	
	8½	2.60	44.2	135	1	
673	8½	23 2.88	41 37 49.2	134	30	
674	9	23 5.15	63 29 22.0	81	83	
675	7½	23 5.62	40 16 3.0	109	40	
	7½	5.63	2.6	130	44	
676	8½	23 7.96	27 2 44.3	105	8	
	9	7.98	44.9	484	62	
677	8½	23 10.09	26 7 54.3	69	155	
	8½	10.11	55.9	484	63	
678	7½	23 17.76	49 17 43.1	517	1	
	8	17.80	40.7	114	110	
	7½	17.87	42.4	116	122	
	7	17.93	42.5	144	1	
679	9	23 18.37	36 20 42.7	516	73	
680	6½	23 22.10	36 17 11.7	516	72	
681	8½	23 23.59	51 4 48.5	116	123	
	8½	23.72	49.0	518	2	
682	9	23 25.30	39 14 27.8	109	41	
	8½	25.40	28.5	130	45	
683	7	23 25.54	44 17 26.6	99	30	
684	8	23 26.11	65 26 32.9	81	81	
685	8½	23 26.53	41 56 27.2	134	33	
	8	26.57	26.9	488	39	
686	9	23 27.12	59 43 24.1	91	53	
687	8½	23 27.26	50 53 32.4	116	125	
	9	27.52	33.6	518	1	
688	6½	23 30.85	70 3 49.2	137	2	
	6½	31.06	49.6	120	92	
689	8	23 30.94	36 26 49.8	516	74	
690	9	23 32.39	55 54 10.3	501	57	
691	8	23 33.18	53 59 55.8	520	2	
692	9	23 33.70	48 3 19.4	114	111	
693	9½	23 35.59	31 54 24.8	492	34	
694	9½	23 37.82	48 14 16.4	517	2	
695	8½	23 38.72	25 19 38.5	69	154	
	8½	38.77	39.4	514	82	
696	8	23 42.21	41 28 8.6	134	32	
697	9½	23 42.54	31 31 1.5	492	35	
698	8½	23 45.75	33 38 19.8	139	2	
	9	45.83	19.1	490	28	
699	9	23 47.36	52 13 54.7	520	3	
	9½	47.38	55.0	119	108	
700	7½	23 48.82	45 59 41.9	76	122	
701	8½	23 53.57	29 25 31.8	506	138	
	8½	53.57	32.2	73	165	
	8	53.65	34.4	135	2	
702	9	23 55.77	44 5 10.5	99	31	
	9	55.79	11.8	99	32	
703	9	23 56.09	24 32 9.3	63	30	
704	7	23 57.82	34 5 13.6	139	3	
	7½	57.97	14.3	93	138	
	7½	58.01	13.2	490	29	
705	8½	23 58.16	46 42 0.3	76	123	
706	9	23 58.35	68 46 22.0	120	94	
707	9	23 59.68	27 5 22.7	69	156	
708	9	24 0.52	41 38 34.7	488	40	
709	9	24 2.47	64 1 21.1	81	86	
710	9	3 24 4.59	36 20 14.3	516	75	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
711	9½	3 24 4.86	73 41 4.2	131	40
712	8½	24 6.54	42 2 26.2	134	34
	9	6.60	27.8	488	41
713	7	24 7.81	23 54 29.3	514	83
	7	7.88	29.9	63	31
714	10	24 14.87	54 15 6.0	119	110
715	9	24 15.83	48 56 15.6	114	112
716	8½	24 15.92	32 6 12.9	492	36
	9	15.93	12.9	490	31
	9	15.96	9.3	84	28
717	8	24 17.63	58 45 38.4	91	54
718	9	24 17.63	55 12 56.6	128	76
719	7	24 19.83	22 56 12.4	63	32
720	9	24 21.07	34 47 0.6	93	139
	8	21.07	1.7	139	4
721	8½	24 21.72	28 50 3.7	46	107
	9½	21.83	2.1	506	141
722	8	24 23.88	28 59 53.4	46	108
	8½	23.98	53.3	73	166
	8½	24.05	48.5	105	9
	8	24.19	52.4	135	3
	8	24.21	49.9	506	139
723	8½	24 25.39	28 55 30.2	46	109
	9	25.41	30.4	73	167
	8½	25.57	34.2	135	4
	9	25.63	26.7	506	140
	9	25.68	26.8	105	10
724	8½	24 27.06	57 34 14.6	128	77
	8½	27.16	15.7	501	58
725	9	24 27.28	46 36 20.8	76	124
726	9	24 28.87	24 10 32.3	514	84
727	8½	24 30.58	38 26 32.1	78	106
728	9½	24 30.96	32 43 43.0	490	30
729	9	24 31.10	63 29 19.2	81	84
730	9½	24 32.77	69 8 38.2	120	93
731	8	24 35.60	63 15 32.0	142	5
	9	35.73	31.9	123	108
732	9½	24 37.56	53 32 43.8	119	109
733	9	24 38.09	51 57 36.6	116	126
	9½	38.13	36.2	518	3
734	8½	24 40.23	73 46 52.7	131	43
	8½	40.34	53.0	131	39
735	8½	24 40.31	66 55 22.6	137	3
736	9	24 40.33	37 26 37.4	78	105
737	9½	24 43.51	28 46 5.4	506	142
	9	43.55	4.4	105	11
738	9	24 45.48	25 52 23.8	514	86
739	8	24 48.17	24 10 27.5	63	33
	9	48.23	24.8	514	85
740	8½	24 49.10	26 45 17.5	484	64
	8½	49.21	17.8	69	157
741	10	24 52.35	61 37 31.4	123	110
742	9	24 52.42	33 4 7.5	93	140
	9	52.43	8.7	490	32
743	7½	24 52.50	61 41 37.8	142	6
	8½	52.58	36.2	123	109
744	9½	24 52.58	38 50 50.2	109	42
	9	52.68	48.3	78	107
745	8	24 52.84	63 55 27.4	81	85
746	9	24 58.18	63 56 21.2	81	87
747	6	25 1.96	69 46 24.0	120	95
	6	2.44	26.3	137	5
748	7	25 3.77	42 53 52.6	488	42
	7	3.80	55.2	99	33
	7½	3.82	52.9	134	35
749	9	25 5.71	49 35 7.2	517	3
	9½	5.71	10.0	518	4
	9	5.72	12.0	116	127
750	7	3 25 9.23	36 10 37.6	516	77
751	9½	3 25 11.80	35 10 21.8	93	141
	9	11.87	22.3	139	5
	9½	12.02	23.7	516	78
	9½	12.08	20.1	516	76
752	9	25 14.23	38 59 23.4	109	43
	8½	14.31	23.7	130	46
	8½	14.33	21.4	78	108
753	9½	25 14.65	68 3 5.3	120	97
754	9	25 15.15	73 55 40.3	131	41
755	7½	25 23.87	58 18 44.7	91	55
756	8	25 25.88	28 21 13.4	506	143
	7½	26.07	15.2	105	12
	7½	26.08	15.4	46	110
757	8½	25 28.64	30 45 44.7	73	169
	8½	28.75	48.4	492	37
	8½	28.79	47.4	84	29
758	9	25 30.91	30 12 54.0	73	168
	9	31.05	57.5	492	38
	8½	31.12	59.1	135	5
759	6	25 33.71	43 3 46.4	488	43
	6	33.78	48.3	99	34
	5	33.79	46.6	134	36
760	8½	25 34.25	64 45 49.0	89	1
761	9	25 40.33	26 3 51.5	69	158
762	9½	25 40.92	32 40 27.5	84	30
763	9	25 41.83	33 57 30.6	490	33
	9	41.86	31.5	93	142
764	8	25 44.80	27 2 47.9	484	65
	8	44.83	50.9	69	159
	7½	44.95	49.4	105	13
765	9	25 45.83	75 25 5.8	127	38
766	6½	25 46.46	41 47 31.9	488	44
767	8½	25 46.69	47 49 27.9	114	113
	9	46.85	29.4	517	4
768	8½	25 46.70	29 30 12.6	135	6
769	9	25 48.29	42 4 35.9	134	37
770	9	25 50.02	42 2 23.3	134	38
771	9	25 51.09	32 55 59.7	84	32
	9	51.12	59.9	490	34
772	9	25 53.28	70 2 18.8	120	96
	9	53.35	21.6	137	6
	8½	53.48	19.2	137	4
773	10	25 56.51	52 46 51.3	119	111
774	8	26 4.77	24 16 39.2	63	34
	8½	4.82	40.4	514	87
775	8½	26 6.48	61 33 41.2	142	7
	9½	6.63	40.0	123	111
776	8½	26 8.07	64 40 27.7	89	2
777	9	26 9.23	26 11 5.8	514	89
	8½	9.31	7.2	69	160
778	9½	26 9.61	29 52 46.5	506	144
779	7½	26 9.72	37 47 55.6	78	110
780	9	26 10.20	40 32 29.9	109	44
	8½	10.32	29.7	130	47
781	9	26 12.05	60 24 22.6	91	56
782	8½	26 14.00	45 9 41.3	76	125
	9	14.36	40.9	99	35
783	9½	26 14.19	32 46 6.9	84	31
784	9	26 14.33	55 12 40.6	501	59
785	10	26 15.69	40 57 48.3	109	46
786	9	26 15.73	61 37 9.3	123	112
	7½	15.77	9.9	142	8
787	9	26 16.04	28 5 25.0	506	145
788	9½	26 16.10	42 56 57.3	488	46
789	8½	26 17.88	38 1 36.4	78	109
790	9	26 23.89	49 27 8.8	116	128
791	7½	3 26 28.52	33 58 21.9	93	143
	7	28.63	21.5	139	6
	7½	28.64	19.7	490	35

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
792	9	3 26 31.89	40 56 33.2	109	45
	8½	32.12	31.5	488	45
	8½	32.13	33.0	134	39
	8½	32.21	33.2	488	48
	8½	32.32	32.1	130	48
793	6½	26 32.87	26 2 19.6	484	66
	6½	33.00	21.1	69	161
	6½	33.09	19.7	514	88
794	7½	26 33.12	32 5 56.0	492	39
	8	33.14	54.7	84	33
795	6	26 36.34	47 48 11.2	517	5
	6	36.43	10.3	114	114
	6	36.53	10.0	144	2
796	9	26 37.46	49 26 34.4	116	129
797	9	26 38.36	25 58 0.9	514	91
	8½	38.44	3.8	69	162
798	9½	26 43.26	52 54 60.8	520	4
	10	43.30	59.2	119	112
799	9	26 45.76	45 3 0.7	99	36
800	9½	26 47.09	56 19 42.4	128	78
	9	47.31	41.8	501	60
801	9	26 54.31	29 26 29.5	73	170
	8	54.36	32.4	135	7
802	9	26 56.67	36 7 48.7	516	79
803	9	27 1.03	47 2 17.0	517	6
	7½	1.17	18.6	144	3
	8½	1.37	16.3	76	126
804	7	27 3.47	25 2 28.7	69	164
	7	3.51	28.2	63	36
805	8	27 5.85	55 14 11.2	128	79
	8	5.87	9.4	501	61
806	9	27 5.92	58 13 45.5	91	57
807	8	27 6.67	26 4 56.5	484	67
	8	6.75	55.3	69	163
	8	6.88	55.4	514	90
808	8½	27 6.94	44 15 32.7	99	37
809	8½	27 8.05	48 33 46.4	114	115
810	9½	27 10.01	24 3 10.2	63	35
811	9	27 10.69	31 59 43.4	84	34
	8	10.85	44.7	492	40
812	5	27 11.74	63 22 46.7	81	88
	5	11.87	40.0	123	113
	5½	11.99	42.4	142	9
813	9	27 13.20	73 50 48.5	131	42
	9	12.86	48.7	131	44
814	8½	27 13.48	32 43 54.6	84	35
815	9	27 21.64	40 48 29.2	109	48
	9	21.99	28.5	130	49
816	8½	27 21.93	29 5 61.9	135	8
	9	21.94	60.2	73	171
	8½	22.05	60.9	105	14
	9	22.07	59.9	506	146
817	9	27 25.07	29 38 15.0	73	172
	9	25.15	14.7	506	147
818	9	27 25.47	33 55 22.6	93	144
	8½	25.53	21.7	490	36
	8½	25.58	21.6	139	7
819	9	27 27.97	41 1 33.4	134	40
	9	27.98	32.6	488	47
	9	28.07	34.2	130	50
	9	28.11	34.6	109	47
820	9½	27 29.61	37 20 46.8	78	111
821	9	27 31.91	35 23 25.6	516	80
822	9½	27 33.12	41 57 6.6	488	49
823	9	27 38.27	30 18 45.5	73	173
	9	38.45	48.2	492	41
824	7	27 39.05	77 10 36.5	127	39
825	8½	27 39.75	64 1 20.0	81	89
826	8	3 27 41.20	24 11 26.0	514	92
	8	41.33	28.1	63	37
827	8½	3 27 43.62	49 18 6.1	116	130
	9	43.65	5.2	517	7
	9	43.69	3.8	114	116
828	8½	27 46.45	58 59 58.7	91	58
829	9½	27 48.60	51 57 56.2	119	113
	9	48.86	55.5	518	5
830	8½	27 50.99	50 31 44.6	518	6
831	8	28 4.55	44 49 57.4	76	127
	8	4.98	58.2	99	38
832	7	28 4.78	55 40 26.8	501	62
	7	4.83	27.1	128	80
833	9½	28 6.68	24 8 41.7	514	93
834	9½	28 8.08	30 56 9.3	492	42
835	8½	28 10.73	23 22 17.4	63	38
836	8½	28 12.99	50 18 25.2	518	7
837	7½	28 15.97	49 34 57.7	114	117
	8	15.99	58.2	517	8
	7	16.05	59.4	144	4
	8	16.08	59.8	518	8
838	9	28 17.96	41 22 8.7	134	41
	9½	18.17	11.0	488	50
839	9	28 18.55	28 18 25.5	506	148
840	8½	28 19.93	32 55 35.9	139	8
	9	20.00	36.0	84	36
	9	20.11	39.4	490	37
841	9½	28 24.43	65 54 42.5	89	3
842	9	28 25.00	25 32 5.2	69	165
843	9½	28 26.24	70 10 10.8	120	98
	9	26.50	8.4	137	7
844	7½	28 29.49	52 53 41.1	520	5
	7½	29.54	41.6	119	114
845	9½	28 29.53	49 35 3.9	517	9
846	8	28 29.88	51 14 31.6	116	131
847	9½	28 29.92	51 15 1.6	116	132
848	9	28 32.03	42 45 52.4	134	42
849	8	28 36.69	64 32 46.2	81	90
850	7	28 39.31	62 25 56.4	123	115
	7	39.42	57.8	142	10
851	8½	28 40.00	73 52 18.7	131	45
852	9	28 40.32	37 31 34.3	78	112
853	9	28 42.98	29 38 38.9	506	149
	9	43.02	39.3	73	175
854	8½	28 46.52	45 58 23.2	76	128
855	8½	28 47.15	30 41 9.4	135	10
856	9	28 47.53	23 16 34.9	63	39
857	7	28 49.36	31 2 54.8	492	43
	7	49.48	52.6	73	174
	7	49.48	54.9	135	9
858	8	28 50.86	60 16 48.0	91	59
	8	51.00	47.9	123	114
859	6	28 51.34	50 48 11.4	518	10
860	9	28 51.45	60 55 51.2	142	11
861	6½	28 53.75	31 30 11.2	492	44
	6½	53.94	10.5	84	37
862	9	28 55.22	58 48 41.7	91	60
863	8½	28 55.71	58 31 20.9	91	61
864	9½	28 58.14	32 11 37.5	84	38
	9	58.18	40.7	492	45
865	9	28 58.30	33 51 24.9	139	9
	9	58.31	25.2	490	38
866	9	28 58.81	77 2 44.5	127	40
867	8½	29 1.69	47 8 37.7	144	6
	8½	1.76	35.7	76	129
868	8½	29 3.22	47 12 10.0	517	11
	8	3.32	9.3	144	5
	8½	3.54	8.4	76	130
869	8	29 5.03	65 24 39.7	81	91
	8	5.21	38.9	89	4
870	9	29 8.31	35 12 56.9	516	81
871	8½	3 29 9.82	38 27 16.9	78	113

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
872	9	3 29 10.94	24 45 20.4	63	40
873	8	29 15.01	65 34 58.0	81	92
874	9	29 16.97	67 57 58.0	137	9
875	8	29 18.90	49 20 11.7	517	10
	8½	19.19	11.5	518	9
876	8	29 21.57	45 0 14.9	76	131
	8	22.13	14.0	99	39
877	8½	29 24.82	73 58 36.4	131	46
878	9½	29 25.23	55 18 44.0	128	81
	9	25.25	41.6	501	63
879	9	29 25.86	25 56 4.8	69	167
880	9	29 29.16	42 34 16.6	488	51
	9	29.34	17.2	134	44
881	9	29 29.68	42 48 0.4	134	43
882	8½	29 29.92	24 16 37.0	63	42
	8½	30.03	37.3	514	94
883	6½	29 32.21	26 0 8.2	484	68
	6½	32.35	8.4	69	166
884	7	29 32.91	32 17 35.8	84	39
	7	33.05	35.9	490	40
885	6	29 35.01	66 54 46.2	81	93
	6	35.12	45.3	89	6
	6	35.15	44.6	120	99
	6	35.35	47.8	137	8
	6	35.38	44.8	526	1
886	9	29 37.77	33 26 28.9	490	39
	9	37.98	29.6	139	10
887	7½	29 38.10	41 45 32.5	488	52
	8	38.25	32.3	134	45
888	7	29 39.40	35 14 57.0	516	82
889	8	29 40.72	24 43 34.5	63	41
890	9	29 44.88	29 15 35.8	73	177
	9	44.92	36.6	135	11
891	8	29 49.31	66 42 52.0	81	94
892	9	29 50.20	53 49 51.5	520	6
893	8½	29 53.15	64 6 0.3	89	5
894	8½	29 56.69	79 5 44.5	127	41
895	8	29 57.41	24 21 48.5	514	95
	8½	57.61	48.4	63	43
896	9	29 57.60	39 49 50.2	109	49
897	9	29 58.26	37 27 23.0	78	114
898	8½	30 6.73	29 30 28.8	506	151
	8	6.94	31.7	135	12
	8	6.98	31.7	528	1
899	9	30 7.50	26 26 59.3	69	168
900	8½	30 9.08	24 58 39.0	514	97
901	8½	30 11.97	28 44 54.9	506	150
	8½	12.15	53.7	73	176
	9	12.21	56.4	528	2
	7½	12.32	53.2	105	15
902	8	30 13.58	26 50 49.8	105	17
	8½	13.63	48.2	484	69
	8	13.73	50.6	69	169
903	7	30 15.90	60 59 45.5	142	12
904	9	30 17.66	58 21 45.5	91	62
905	7½	30 19.89	36 21 16.3	516	83
906	9	30 25.49	46 5 14.8	76	133
907	7½	30 25.66	61 48 43.4	142	14
908	10	30 27.56	40 26 43.4	109	51
	9	27.83	39.6	130	51
909	6½	30 28.69	61 26 16.9	142	13
910	9	30 32.40	24 36 31.1	514	96
911	8½	30 33.25	66 3 59.8	81	95
	8	33.48	55.9	89	8
912	9½	30 33.92	29 7 25.7	506	153
	9	33.95	28.0	73	178
	9	33.98	28.8	135	13
913	8½	3 30 34.49	27 12 10.6	484	70
	7½	34.53	8.8	105	16
914	8½	3 30 35.09	23 55 55.8	63	44
915	9	30 36.45	24 55 51.6	514	98
916	7½	30 37.84	45 3 38.9	76	132
	7½	38.14	37.7	99	40
917	8½	30 40.74	31 33 56.1	492	46
	9	40.76	55.6	84	40
918	7½	30 41.61	40 21 44.6	130	52
	9	41.64	43.7	109	50
919	8½	30 42.48	31 9 16.3	492	47
	9	42.49	15.1	84	41
920	7	30 44.89	65 50 2.7	526	3
921	8½	30 45.75	36 17 15.4	516	84
922	8½	30 48.21	58 23 37.6	91	63
923	9	30 53.29	34 8 35.0	139	11
	9½	53.36	34.2	490	41
924	7½	30 54.49	54 55 44.6	501	65
	7½	54.57	45.2	522	1
925	8½	30 56.48	51 53 21.8	518	11
926	8½	30 58.99	52 32 27.5	520	9
927	9	31 0.04	55 1 58.6	501	64
	8½	0.05	59.1	522	2
928	8½	31 0.88	79 2 26.9	127	42
929	8	31 1.68	29 9 48.3	135	14
	8	1.78	47.2	73	179
	8½	1.80	47.4	528	3
	8½	1.82	44.3	506	152
930	9½	31 2.70	23 51 34.6	63	46
931	8	31 3.44	70 53 36.6	137	10
	9	3.85	35.9	131	50
932	8	31 3.78	48 50 46.7	144	7
	8	3.80	45.6	517	12
933	9	31 7.13	23 46 57.8	63	45
934	9½	31 8.25	73 29 22.9	131	47
935	8½	31 9.04	25 22 26.1	514	99
	8½	9.04	24.5	69	170
936	8½	31 9.62	36 43 45.2	516	85
937	9	31 10.93	73 24 19.3	131	48
938	9½	31 11.94	28 18 5.1	506	154
	9	12.22	4.5	528	4
939	8½	31 16.69	53 56 13.0	520	8
940	8½	31 21.86	22 53 53.9	63	47
941	7	31 25.78	54 44 24.5	501	66
	7	25.86	24.0	522	3
942	9	31 26.76	54 9 22.7	520	7
943	8	31 28.32	49 50 2.4	518	12
944	7½	31 29.85	63 3 36.1	142	16
945	8½	31 33.79	60 33 28.5	91	65
946	7	31 34.82	44 7 54.9	99	41
947	7½	31 35.09	67 8 51.9	526	2
	7½	35.32	52.7	89	7
948	9½	31 36.34	25 4 24.2	69	171
949	9	31 38.79	24 14 59.6	514	100
950	7½	31 39.47	62 35 3.8	142	15
951	8½	31 46.08	72 47 27.6	131	49
952	9	31 47.13	28 32 8.2	506	155
	8½	47.18	9.9	528	5
	8½	47.18	6.3	105	18
953	7½	31 47.46	78 2 16.4	127	44
954	8½	31 50.91	58 8 14.0	91	64
955	8½	31 51.04	40 41 15.7	130	54
956	8	31 53.15	75 1 0.9	131	51
	7½	53.67	2.0	127	43
957	7	31 57.48	34 11 37.8	490	42
	7	57.60	38.2	139	12
958	7½	32 1.69	67 50 4.7	137	11
959	7½	32 2.88	30 14 32.2	135	15
	7	2.99	31.5	492	48
960	9	32 7.61	36 29 40.9	516	86
961	9	3 32 9.45	39 47 48.1	130	53

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
962	7½	3 32 10.43	52 58 16.3	520	10
963	8½	32 11.31	45 51 43.4	76	134
964	8	32 14.78	30 35 46.6	135	16
	8	14.78	44.7	492	49
965	9	32 15.12	36 46 16.6	78	115
966	7½	32 16.42	47 36 56.0	144	8
	8	16.59	54.9	517	13
967	8	32 18.13	53 37 8.4	520	11
968	7½	32 18.47	58 13 35.2	91	66
969	9	32 19.61	67 51 21.2	137	12
970	7½	32 20.03	36 42 16.3	516	87
971	9	32 21.40	38 41 56.1	78	116
972	9½	32 22.36	33 40 39.5	490	43
973	9½	32 22.48	42 11 16.4	134	46
974	7½	32 25.37	34 16 18.6	139	13
975	9	32 26.11	25 10 17.4	69	172
	9	26.27	15.3	514	101
	9½	26.42	16.2	63	48
976	8½	32 28.04	32 3 26.7	492	50
	9½	28.25	25.4	490	44
977	8	32 30.23	35 3 41.1	139	15
978	9	32 33.78	38 50 12.2	109	52
	8½	33.82	12.3	78	117
979	6½	32 34.04	62 58 22.0	142	17
980	8½	32 34.89	51 37 18.4	518	13
981	5	32 36.49	40 41 8.1	109	53
	4½	36.72	7.8	130	55
982	8½	32 36.92	41 18 29.9	488	53
	8½	37.19	29.8	134	47
983	9	32 38.42	63 2 47.5	142	18
984	8	32 38.64	34 21 38.1	139	14
985	9	32 41.02	68 4 59.0	137	13
986	9½	32 54.80	56 27 56.3	521	4
987	7½	32 56.15	65 7 29.1	526	4
	8½	56.30	29.6	89	10
988	7	33 0.51	66 10 44.9	526	5
	7	0.85	46.9	89	9
989	9	33 2.70	23 29 46.3	63	49
990	8½	33 3.24	69 26 7.4	137	14
991	7½	33 3.24	53 11 26.7	520	12
992	7½	33 3.44	44 52 61.0	145	1
	8½	3.44	59.2	99	43
993	10	33 6.74	44 53 56.4	99	44
994	8½	33 6.77	33 9 3.4	490	45
995	8½	33 7.69	42 52 48.0	134	48
	8½	7.77	48.4	488	54
	8	7.87	50.1	99	42
996	9	33 7.95	27 53 53.6	105	19
997	7½	33 8.53	31 42 37.6	492	51
	8	8.60	37.3	84	42
998	8	33 9.68	50 22 8.0	518	14
999	9	33 15.19	46 42 53.7	76	135
1000	8½	33 26.00	39 10 58.5	78	118
	9	26.12	59.9	109	54
	8½	26.18	59.7	130	56
1001	8	33 28.74	26 0 59.7	521	1
	8	28.82	60.8	484	71
	8	28.85	60.8	514	102
	8	29.03	58.8	69	173
1002	8½	33 31.34	35 14 11.6	139	16
1003	9½	33 33.64	48 45 56.1	517	14
1004	9	33 35.05	63 2 39.3	142	19
1005	6	33 35.57	28 21 10.0	528	6
	6	35.68	9.0	105	20
1006	9½	33 36.64	32 46 51.1	84	43
1007	8½	33 36.65	24 29 45.1	514	103
1008	8½	33 38.96	69 6 45.2	137	15
1009	8	33 39.79	53 29 18.1	520	13
1010	9	3 33 41.17	37 2 2.3	516	88
1011	8	3 33 43.57	37 40 54.9	78	119
1012	8½	33 44.40	33 12 54.7	490	46
	8	44.54	55.8	139	17
1013	9	33 44.99	57 57 47.8	91	67
1014	9½	33 45.98	68 17 55.1	137	17
1015	7	33 46.46	61 57 22.8	142	20
1016	8½	33 51.96	28 25 40.6	528	7
	8	51.97	40.8	105	21
1017	9½	33 52.88	37 5 10.7	516	89
1018	7½	33 54.22	35 36 48.3	516	91
1019	7½	33 58.10	49 24 52.3	517	15
	7	58.18	52.8	144	9
	7½	58.22	53.1	518	15
1020	9	34 2.43	28 4 59.0	528	8
1021	9	34 2.64	49 35 26.7	518	16
1022	9	34 3.17	46 29 2.0	76	136
1023	9	34 3.28	57 32 15.0	522	5
	9	3.45	16.1	91	68
1024	9½	34 6.71	40 48 50.4	109	56
1025	7½	34 7.75	65 29 7.6	526	6
	8	7.77	8.0	89	11
	8	8.08	7.2	89	12
1026	9½	34 8.18	52 12 26.7	520	14
1027	9	34 11.25	61 54 9.2	142	21
1028	8½	34 12.61	36 2 33.9	516	90
1029	9½	34 14.41	68 14 46.7	137	18
1030	8	34 15.72	43 5 11.9	134	49
	8½	15.74	12.7	488	55
	8½	15.83	15.1	99	45
1031	9	34 20.50	27 46 14.7	484	72
1032	9	34 20.81	25 45 59.6	484	73
	9	20.82	59.0	514	104
	9	20.90	59.3	69	174
	9	20.97	60.6	521	2
1033	8	34 24.28	46 38 57.3	524	1
	7½	24.30	56.3	145	2
	8	24.46	57.3	76	137
1034	8	34 24.72	29 30 29.6	528	10
	8	24.82	30.4	135	17
1035	8½	34 25.17	68 16 29.2	137	19
1036	7½	34 31.21	49 46 35.6	518	17
1037	9	34 32.40	25 47 16.1	484	74
1038	8	34 34.53	41 2 19.9	134	50
	8½	34.56	19.9	488	56
	8	34.58	17.8	130	57
	8½	34.65	19.2	109	55
1039	6	34 35.28	78 46 8.7	127	45
1040	9	34 35.93	32 24 15.1	490	47
1041	8	34 37.80	55 48 15.1	501	67
	8	37.83	17.2	522	7
1042	9½	34 38.04	68 47 43.1	137	16
1043	7	34 43.83	28 54 48.0	105	22
	7	43.83	48.3	528	9
	7½	44.00	49.5	135	18
1044	8½	34 51.24	36 20 46.7	516	92
1045	8½	34 52.20	57 18 21.4	522	6
1046	9½	34 52.83	31 44 50.9	492	52
1047	8½	34 54.20	22 55 26.2	63	50
1048	8½	34 57.01	24 55 33.4	514	105
	8½	57.08	34.0	69	175
	8½	57.08	34.4	521	3
	8	57.14	35.8	63	51
1049	9	34 58.29	46 10 48.6	76	138
1050	8½	34 59.60	43 9 52.1	488	58
	8	59.60	54.2	99	46
	8	59.64	51.1	134	51
1051	9	35 3.85	49 5 29.1	517	16
	8½	4.00	30.5	144	10
1052	9½	3 35 6.29	53 29 16.3	520	15

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1053	8½	3 35 8.17	73 15 36.5	131	53	
1054	7½	35 12.90	34 56 59.6	139	18	
1055	7½	35 13.57	57 41 35.4	91	69	
	7½	13.74	33.6	501	69	
1056	9	35 16.88	74 26 46.3	131	52	
1057	8½	35 17.05	40 45 20.8	109	58	n. pr.
	8	17.12	22.0	130	59	
1058	7	35 17.55	40 45 29.5	109	57	s. sq.
	7	17.62	29.0	130	58	
1059	9½	35 18.80	30 54 48.1	84	44	
1060	8½	35 24.39	43 55 1.4	99	47	
1061	9½	35 28.88	43 57 17.8	99	48	
1062	7½	35 31.17	56 32 61.3	522	8	
	8	31.38	59.9	501	68	
1063	8½	35 31.41	58 2 56.6	91	70	
1064	8½	35 32.42	60 11 4.5	91	71	
1065	8½	35 33.14	41 56 8.1	134	52	
	9	33.24	10.5	488	57	
1066	7½	35 38.35	28 22 19.9	528	11	
	7½	38.40	17.6	105	23	
1067	7	35 40.33	60 11 4.0	91	72	
1068	8½	35 41.54	31 38 31.4	492	53	
1069	9½	35 42.28	56 33 3.7	501	70	
1070	9	35 43.30	25 1 37.8	63	52	
	9	43.31	37.4	514	106	
	9	43.39	38.8	69	176	
1071	9	35 49.05	35 29 43.6	516	94	
	9	49.12	38.8	139	19	
1072	9	35 55.58	61 22 20.2	142	22	
1073	8	35 57.46	32 16 19.0	490	48	
	8½	57.50	18.5	84	45	
1074	9	35 58.48	32 30 22.1	84	46	
	9½	58.69	21.9	490	49	
1075	9	36 1.43	28 19 27.4	105	25	
1076	8½	36 4.04	60 13 32.4	91	73	
1077	9	36 4.57	25 44 51.0	484	75	
	8½	4.58	49.1	69	177	
	9	4.63	49.7	521	4	
1078	9	36 4.97	53 54 6.4	520	16	
1079	9	36 5.80	30 19 53.0	135	19	
1080	9	36 8.35	28 19 19.0	105	24	
1081	9½	36 10.14	35 24 57.9	516	93	
1082	9	36 15.07	28 22 19.8	105	26	
1083	9½	36 16.14	46 32 25.4	524	2	
1084	8	36 18.56	68 50 45.6	137	21	
1085	9	36 19.69	66 55 53.9	89	13	
	8	19.72	55.9	526	7	
	9	19.93	57.2	137	20	
1086	7	36 22.77	53 19 0.2	520	17	
1087	8½	36 23.33	35 18 31.4	516	95	
1088	8½	36 24.17	52 5 22.4	518	18	
1089	8½	36 31.68	29 14 7.8	135	21	
	9	31.75	5.5	528	12	
1090	8	36 33.67	43 37 50.0	99	50	
1091	9½	36 36.18	48 19 53.0	517	17	
1092	8½	36 36.68	24 2 43.9	521	6	
	8½	36.76	43.4	63	53	
1093	6½	36 36.77	25 3 7.2	69	178	
	7	36.91	9.1	63	54	
	7	36.91	6.3	521	5	
1094	9	36 37.41	41 9 39.6	488	61	
	9	37.53	39.4	134	55	
	9	37.59	40.7	130	62	
1095	8	36 37.66	40 59 15.2	488	59	
	8½	37.78	18.0	109	59	
	8	37.79	17.0	134	53	
	8½	37.90	17.4	130	60	
1096	7	3 36 40.15	56 38 19.8	522	10	
	7	40.21	18.4	501	72	
1097	8½	3 36 40.56	29 11 19.3	105	27	
	9	40.66	20.9	528	13	
	9	40.71	21.7	135	20	
1098	8	36 41.45	56 33 6.7	522	9	
	8	41.67	5.5	501	71	
1099	7½	36 43.83	41 10 11.7	488	60	
	7	43.90	10.3	134	54	
	7½	44.12	10.6	130	61	
1100	8½	36 46.22	33 47 32.6	139	20	
1101	8½	36 52.40	53 7 47.5	520	19	
1102	8½	36 56.70	60 29 9.4	142	23	
	8½	56.92	11.9	91	74	
1103	7½	36 57.20	55 56 59.8	522	12	
1104	8½	37 1.80	44 59 30.1	76	139	
	8½	1.89	30.4	524	3	
	8½	2.15	28.8	99	49	
1105	8	37 2.14	42 9 9.4	134	56	
	8	2.18	9.5	488	62	
1106	8	37 2.77	30 39 35.7	492	54	
	8	2.78	30.3	135	22	
1107	8½	37 6.53	32 0 25.0	492	56	dpl. IV. n. sq.
1108	8½	37 9.43	37 19 31.9	78	120	
1109	8½	37 10.23	32 52 51.5	84	47	
	8½	10.33	51.3	490	52	
1110	8	37 10.28	53 5 55.5	520	18	
1111	9	37 12.68	28 47 39.9	105	28	
1112	5	37 16.62	32 20 19.1	84	48	
	5	16.66	18.1	490	50	
1113	9	37 19.46	34 49 16.7	516	97	
	9	19.53	15.2	139	21	
1114	9½	37 20.74	72 7 40.0	131	54	
1115	9	37 22.07	32 30 34.6	84	49	
	9	22.18	34.1	490	51	
1116	9	37 23.33	24 51 8.3	63	55	
	9	23.39	7.7	521	7	
1117	8	37 23.57	23 18 33.5	63	56	
1118	9	37 25.08	30 34 23.6	135	23	
	9	25.33	22.6	492	55	
1119	9	37 25.33	77 58 28.6	127	46	
1120	9	37 28.44	49 16 27.1	517	18	
1121	8	37 29.70	56 57 18.6	522	11	
1122	9½	37 30.70	35 7 20.9	516	96	
1123	8½	37 33.21	77 17 26.7	127	47	
1124	9	37 34.88	56 34 48.3	501	73	
1125	9½	37 37.19	66 26 36.3	89	14	
1126	8½	37 37.36	55 27 44.3	501	75	
1127	8	37 37.76	44 10 5.0	99	52	
1128	8½	37 38.97	43 40 21.7	99	51	
1129	8½	37 39.46	73 48 8.2	131	55	
1130	9	37 41.16	40 26 57.2	130	63	
	9	41.34	57.4	109	60	
1131	9	37 41.62	54 26 11.2	522	13	
1132	8	37 45.97	74 22 56.2	131	56	
1133	9½	37 46.02	42 10 13.2	488	63	
1134	8½	37 49.26	26 22 26.5	484	76	
	8	49.43	24.8	69	179	
1135	9	37 50.45	26 10 2.9	69	180	
1136	9½	37 52.15	31 54 3.5	492	57	
	9½	52.18	0.8	84	51	
1137	6½	37 53.47	48 10 34.1	144	11	
	7	53.51	35.7	517	19	
1138	8½	37 55.60	56 29 0.3	501	74	
1139	8	37 59.68	48 38 9.3	517	20	
	7	59.75	9.5	144	12	
1140	8½	38 0.80	28 32 15.8	528	14	
1141	8	38 8.84	31 25 0.2	84	50	
1142	6½	3 38 9.16	46 21 26.6	524	5	
	7	9.20	25.8	76	140	
	6½	9.26	25.1	145	3	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1143	9½	3 38 10.56	26 59 43.7	105	29	
1144	9	38 11.72	44 58 0.1	524	4	
	9	11.74	2.0	99	53	
1145	5	38 12.20	37 42 31.8	78	121	
1146	7½	38 13.47	32 55 39.3	139	22	
	8	13.49	38.6	490	53	
1147	8½	38 14.12	51 49 34.2	520	20	
1148	8½	38 18.90	64 26 27.4	526	8	
1149	8	38 25.38	49 49 32.2	518	20	
1150	9	38 27.34	46 10 42.3	76	141	
	9	27.37	40.0	524	6	
1151	8	38 28.72	49 33 6.3	517	21	
	7½	28.74	4.8	144	13	
	7½	28.86	4.8	518	19	
1152	8½	38 34.34	56 4 27.8	522	14	
	8½	34.63	28.3	501	76	
1153	8	38 35.01	33 53 56.0	139	24	
	9	35.11	54.8	490	55	
1154	9	38 39.12	33 33 12.3	139	23	
	9	39.17	12.5	490	54	
1155	9	38 47.10	38 27 53.5	78	122	
1156	7½	38 48.19	51 11 34.9	518	22	
1157	9½	38 48.70	42 36 39.3	134	57	
1158	7	38 49.32	29 1 22.3	105	30	
	7	49.47	26.6	528	15	
	7½	49.52	25.2	135	24	
1159	9	38 51.19	38 24 55.3	78	123	
1160	8½	38 53.90	31 50 12.1	84	52	
	8	54.12	12.7	492	58	
1161	8½	39 1.79	65 40 58.6	526	10	
	8½	2.51	57.8	89	15	
1162	9	39 2.05	52 2 5.4	520	21	
1163	9	39 3.74	30 25 19.9	135	25	
1164	8½	39 9.06	58 23 42.6	91	75	
1165	8	39 11.62	51 41 8.1	518	24	
1166	8	39 11.62	50 28 50.3	518	21	
1167	8½	39 13.88	25 33 41.3	69	181	
	9	14.12	39.7	521	8	
1168	9	39 15.05	53 40 23.5	520	22	
1169	9½	39 22.13	45 48 54.4	76	142	
1170	9½	39 22.81	33 2 18.9	490	56	
	9	22.96	21.5	139	25	
1171	8½	39 24.36	64 17 9.9	526	9	
1172	9½	39 25.61	41 45 53.8	134	59	
1173	9½	39 26.74	60 35 4.7	91	77	
	9	26.84	7.9	142	25	
1174	7	39 27.63	51 3 22.4	518	23	
1175	8½	39 28.53	69 22 40.3	137	23	
1176	8	39 28.55	23 46 23.7	63	57	
1177	9	39 31.67	60 54 30.4	142	24	
1178	7½	39 32.17	38 41 11.6	78	124	
1179	9	39 34.50	70 7 2.4	137	24	
1180	8	39 37.28	60 23 34.0	91	76	
	8½	37.36	35.8	142	26	
1181	9½	39 39.79	36 9 50.2	516	98	
1182	6½	39 40.95	41 3 5.6	488	64	dpl. II. s.
	6½	41.16	7.7	109	61	
	7	41.30	5.5	130	64	
1183	8	39 41.56	49 57 46.5	518	25	
1184	9½	39 42.96	25 58 57.5	69	182	
1185	8½	39 45.65	38 43 32.0	78	125	
1186	9	39 46.23	26 7 40.9	69	183	
1187	9	39 47.18	68 16 3.5	137	22	
1188	9	39 49.69	27 25 24.8	105	31	
1189	8½	39 49.74	31 40 20.4	492	59	
1190	9	39 50.59	41 40 13.5	134	58	
	9	50.68	15.7	488	65	
1191	9½	3 39 51.96	28 12 55.4	528	16	
1192	8½	3 39 52.86	28 0 0.3	105	32	
	8½	52.91	1.1	528	18	
1193	10	39 52.88	43 43 29.0	99	55	
1194	8	39 54.14	54 52 2.6	522	15	
	8	54.20	1.8	501	77	
1195	9½	39 55.73	41 38 17.1	134	60	
	9½	55.91	20.7	488	66	
1196	7½	39 58.69	42 17 27.6	488	67	
	7	58.87	25.9	134	61	
1197	9	39 59.27	28 9 44.4	105	33	
	9	59.53	42.8	528	17	
1198	9	39 59.46	31 59 38.6	84	53	
	9½	59.53	37.9	490	57	
1199	7½	39 59.52	43 37 48.3	99	54	
1200	9½	40 0.89	71 29 53.6	131	57	
1201	8½	40 6.07	55 5 54.9	501	78	
	9	6.12	56.1	522	16	
1202	9½	40 6.08	48 32 54.9	517	22	
1203	9	40 6.23	77 31 13.6	127	48	
1204	7½	40 10.66	28 15 35.7	484	78	
	7½	10.70	34.5	105	34	
	8	10.77	36.1	528	19	
1205	9	40 10.79	54 41 1.6	520	23	
1206	8½	40 10.84	38 46 57.5	78	126	
	9	10.93	59.4	130	65	
1207	7½	40 13.46	39 12 47.8	109	62	
	7½	13.56	45.7	130	66	
1208	9	40 14.17	44 5 40.1	99	56	
1209	9½	40 16.44	70 21 12.5	137	25	
1210	7	40 16.81	26 18 26.2	484	77	
	6½	16.88	26.0	69	184	
1211	8½	40 21.55	45 9 59.7	76	143	
	9	21.73	60.9	524	7	
1212	9	40 23.48	26 0 35.7	69	185	
	9½	23.67	37.2	521	9	
1213	7½	40 23.70	66 52 26.1	526	11	
	7½	23.89	28.5	137	26	
	8	23.91	27.5	89	16	
1214	8½	40 27.97	33 1 45.0	490	58	
	8½	28.00	46.9	139	26	
1215	8½	40 29.12	77 29 35.9	127	49	
1216	9	40 33.09	31 47 19.3	492	60	
	9½	33.10	18.9	84	55	
1217	9	40 33.17	67 7 42.0	137	27	
1218	9	40 35.42	42 8 54.5	488	69	
	9	35.48	53.4	134	62	
1219	9	40 38.97	54 27 56.0	520	24	
1220	8	40 39.63	30 28 55.1	135	26	
1221	9	40 41.80	31 19 26.7	84	54	
1222	7½	40 45.90	46 19 13.7	145	4	
	8	45.95	13.8	524	8	
1223	8½	40 46.01	23 28 20.9	63	58	
1224	8½	40 50.24	32 52 19.9	490	59	
	8	50.26	21.4	139	27	
1225	9	40 55.27	25 55 16.8	521	10	
	8½	55.35	17.6	69	186	
1226	8½	40 55.38	38 16 38.8	78	127	
1227	7	40 56.61	64 35 28.3	526	13	
	8	56.66	29.8	89	17	
1228	9	40 57.17	59 24 35.8	91	78	
1229	9½	40 57.34	41 49 40.5	488	70	
1230	8½	41 0.21	52 35 6.9	520	26	
1231	9	41 0.59	55 17 48.9	522	18	
1232	6½	41 0.84	48 27 0.9	144	14	
	7	0.86	2.2	517	23	
1233	7½	41 0.97	61 54 12.7	142	27	
1234	9½	41 1.77	72 26 7.2	131	58	
1235	9	3 41 2.41	33 37 11.7	490	60	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1236	7	3 41 6.52	54 52 27.8	522	20	
1237	8½	41 10.21	57 0 57.8	501	79	
	8½	10.37	59.3	522	17	
1238	9½	41 15.20	25 56 30.6	69	188	
1239	8	41 15.38	42 26 24.1	488	68	
	8	15.43	23.1	134	63	
	8	15.48	22.8	134	64	
1240	8	41 18.16	38 58 23.3	78	128	
	8½	18.19	23.1	109	63	
	8	18.32	23.0	130	67	
	8	18.39	23.6	498	1	
1241	6½	41 18.31	78 43 30.8	127	52	
1242	7½	41 19.09	76 9 55.5	127	50	
1243	9	41 20.70	63 50 34.4	89	18	
1244	6	41 21.68	29 43 40.1	528	20	
	7	21.77	40.9	135	27	
1245	6½	41 22.86	54 40 5.9	522	19	dpl. II. s.
	6½	23.02	5.1	520	28	
1246	6	41 22.91	47 44 59.7	517	24	
	5½	23.04	60.0	144	15	
1247	7½	41 23.57	25 44 50.9	484	79	
	7	23.67	47.0	69	187	
	7	23.72	49.4	521	11	
1248	9	41 24.15	53 37 27.7	520	25	
1249	7½	41 24.39	62 1 6.8	142	28	
1250	7½	41 25.63	25 14 40.1	521	12	
1251	8½	41 26.52	36 31 27.5	516	99	
1252	4	41 28.39	23 37 11.5	63	59	
1253	8	41 31.25	52 28 16.1	520	27	
1254	9	41 31.51	51 42 29.9	518	26	
1255	9	41 32.75	28 34 28.7	528	21	
1256	9	41 33.49	27 0 31.1	105	35	
	9	33.60	30.3	504	1	
1257	8	41 34.60	54 33 29.0	520	29	
	8	34.79	30.2	522	21	
1258	8	41 37.06	67 40 28.4	526	12	
	8	37.16	29.9	137	28	
1259	8	41 42.31	51 39 1.7	518	27	
1260	9½	41 43.03	45 0 29.2	99	57	
1261	8½	41 43.49	32 36 0.7	84	56	
	8½	43.60	1.2	490	62	
1262	9½	41 43.92	33 18 42.5	139	28	
1263	8	41 44.83	31 14 34.0	492	61	
1264	8½	41 46.23	25 8 21.7	69	189	
	8	46.36	21.4	521	13	
	8	46.38	21.1	63	60	
1265	9	41 46.91	41 35 47.0	134	65	
1266	9	41 47.66	27 3 16.5	504	2	
	9	47.70	18.0	105	36	
1267	10	41 50.72	32 40 54.7	84	57	
1268	8½	41 51.15	38 29 23.7	78	129	
	8½	51.43	20.8	498	2	
1269	7½	41 55.62	56 43 27.2	501	81	
1270	7	41 57.48	30 26 30.3	492	62	
	7½	57.61	30.6	135	28	
1271	7½	42 0.07	57 3 6.8	501	80	
1272	7	42 4.14	79 29 55.7	127	51	
1273	9	42 6.36	34 5 11.7	490	61	
1274	9	42 12.12	63 55 7.1	526	16	
1275	9½	42 12.51	43 42 44.8	99	58	
1276	7	42 14.50	30 17 14.4	492	63	
	7	14.75	14.7	135	29	
1277	9	42 16.76	40 15 18.7	109	64	
	9	17.27	18.1	130	68	
1278	7½	42 17.03	29 51 15.8	135	30	
	7	17.12	14.5	528	22	
1279	5½	3 42 17.21	24 15 47.6	521	14	
	5½	17.29	47.1	63	61	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1280	9½	3 42 17.22	47 11 48.2	524	9	
1281	9½	42 21.48	73 18 36.2	131	59	
1282	8½	42 25.50	27 34 16.4	112	1	
	8½	25.52	16.3	105	37	
	9	25.52	16.9	484	80	
1283	9	42 26.99	50 45 52.7	518	28	
1284	8½	42 28.05	48 16 56.9	517	25	
	8	28.15	58.1	144	16	
1285	8½	42 33.92	24 24 34.4	63	62	
	9	34.09	34.7	521	15	
1286	9½	42 34.99	42 38 20.5	134	67	
1287	9½	42 35.93	61 9 53.4	142	29	
1288	4	42 38.27	65 12 2.1	526	14	
	4	38.33	2.7	89	20	
1289	7	42 44.46	26 42 52.5	484	82	
	7	44.46	52.6	504	4	
	7	44.50	51.6	69	190	
1290	9	42 44.46	41 0 44.1	488	71	
	9½	44.47	44.8	109	65	
	9½	44.48	43.2	134	66	
1291	8	42 47.01	44 11 38.8	99	59	
1292	9	42 50.84	36 54 54.7	78	130	
	9	51.48	56.5	498	3	
1293	8½	42 51.80	74 19 27.0	131	60	
1294	9	42 52.04	46 13 25.7	524	10	
	8½	52.08	22.8	145	5	
1295	5½	42 53.12	30 32 45.3	492	64	
	6	53.18	44.3	135	31	
1296	8½	42 53.37	30 29 1.7	492	65	
	8	53.38	1.2	135	32	
1297	8½	42 55.09	37 8 3.8	78	131	
	8	55.25	2.6	498	4	
	8½	55.31	2.9	516	100	
1298	8½	42 58.59	27 7 48.3	105	38	
	8½	58.62	49.2	504	3	
	8½	58.73	49.3	484	81	
1299	8	43 4.32	24 4 49.7	521	16	
	8	4.42	49.1	63	63	
1300	9	43 5.79	24 1 6.9	521	17	
	8½	5.82	7.2	63	64	
1301	9	43 6.66	33 58 43.5	139	29	
	9	6.76	43.2	490	63	
1302	6½	43 7.61	36 29 29.8	516	101	
1303	9	43 7.65	50 18 55.6	518	29	
1304	9	43 10.13	42 51 58.5	134	68	
1305	8½	43 10.56	43 7 39.2	488	72	
	8½	10.58	37.3	134	69	
	8	10.59	40.8	99	61	
1306	8½	43 15.33	34 5 58.3	490	64	
	9	15.34	59.6	139	30	
1307	8	43 18.08	67 5 19.2	137	29	
	8½	18.32	18.5	89	19	
1308	9½	43 18.09	55 3 56.9	522	22	
1309	9	43 22.24	70 4 35.2	137	31	
1310	9	43 23.26	50 52 58.7	518	31	
1311	9	43 25.89	30 27 45.6	492	66	
	9	25.92	45.5	135	33	
1312	7½	43 27.34	64 6 59.4	89	21	
	7	27.38	57.7	526	15	
1313	10	43 32.76	30 47 12.7	84	59	
1314	8½	43 35.04	32 9 44.7	84	58	dpl. III. pr.
	8	35.11	45.9	492	68	
1315	8½	43 35.31	28 51 4.1	105	39	
	8	35.37	3.9	112	2	
	8½	35.41	4.0	528	23	
1316	9½	43 35.57	25 30 37.0	521	18	
1317	9	3 43 36.07	40 18 56.0	109	66	
	9	36.28	56.3	130	69	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1318	9½	3 43 37.72	51 1 25.7	518	32	
1319	9½	43 37.93	30 28 45.2	135	34	
	9½	38.09	46.7	492	67	
1320	9	43 38.80	26 26 34.0	484	83	
	9	38.93	35.1	504	6	
	9	39.18	35.0	69	191	
1321	9	43 40.63	29 37 41.2	135	35	
1322	7	43 45.08	26 24 56.2	484	84	
	7	45.09	54.9	504	5	
	7	45.32	50.4	69	192	
1323	7	43 47.38	51 8 14.5	518	33	
1324	9½	43 47.41	33 29 8.9	490	67	
1325	9½	43 48.33	34 12 48.8	139	31	
	8½	48.58	47.1	490	65	
1326	9½	43 50.33	41 33 43.8	488	73	
	9	50.59	43.7	134	71	
1327	9	43 50.52	23 28 26.7	63	65	
1328	8	43 51.03	50 26 59.9	518	30	
1329	9	43 53.30	44 35 14.0	99	62	
	9	53.36	12.6	99	60	
1330	10	43 53.75	41 32 29.9	488	75	
1331	9½	43 54.29	73 43 12.0	131	63	
1332	9	43 54.97	41 41 41.2	488	74	
	8½	55.03	40.8	134	70	
1333	9½	43 56.92	68 7 53.8	137	30	
1334	5½	43 58.83	38 0 19.1	78	132	s. pr.
	5½	58.89	18.7	498	6	
1335	5	43 59.13	38 0 12.1	78	133	n. sq.
	5	59.32	9.7	498	5	
1336	9	44 0.44	29 8 13.5	105	40	
	9	0.71	17.1	135	36	
1337	9½	44 4.50	27 56 6.2	528	24	
1338	9	44 5.01	56 25 39.5	501	82	
1339	9	44 7.19	26 35 48.4	484	85	
	9	7.42	49.3	69	193	
1340	9	44 10.00	33 28 7.4	139	32	
	9	10.12	7.9	490	66	
1341	9	44 11.96	57 3 38.1	522	23	
1342	9½	44 16.82	71 23 27.3	131	61	dpl. IV. s. pr.
1343	8	44 20.94	27 29 20.8	105	41	
	8½	20.96	19.7	484	86	
	7½	21.07	21.4	112	3	
1344	7	44 21.42	40 47 0.3	130	70	
	7	21.49	2.0	109	67	
1345	9	44 22.55	70 22 43.0	137	34	
1346	9	44 22.67	36 22 20.5	516	102	
1347	9	44 28.73	63 32 58.7	142	30	
	9	29.00	61.8	89	22	
1348	8½	44 30.78	45 33 20.6	524	11	
	8	30.79	21.0	145	6	
1349	8½	44 32.69	49 27 54.2	517	26	
1350	8	44 32.84	64 27 53.1	526	17	s. pr.
	9	32.89	53.3	89	23	
1351	9½	44 33.65	39 27 12.1	109	68	
1352	9½	44 33.68	64 27 30.4	526	18	n. sq.
1353	9	44 35.36	48 0 24.8	144	17	
1354	9	44 36.59	33 23 38.6	490	68	
	9½	36.85	40.2	139	33	
1355	9½	44 39.44	24 14 41.8	521	19	
1356	6	44 39.91	36 28 24.8	516	103	
1357	9½	44 40.73	50 49 46.3	518	35	
1358	8½	44 43.32	25 5 0.7	504	7	
	9	43.47	0.5	521	20	
	8½	43.47	1.1	69	195	
1359	8½	44 46.70	72 59 54.3	131	62	
1360	4	44 46.70	36 34 46.1	516	104	
1361	8	44 47.93	23 11 15.1	63	66	
1362	7½	44 48.80	70 24 37.3	137	32	
1363	8	3 44 50.71	54 8 6.0	520	30	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
1364	8½	3 44 56.97	26 9 2.8	69	194
1365	8½	44 59.42	24 25 21.0	63	67
1366	8½	45 0.84	50 29 12.4	518	38
1367	8½	45 1.43	58 0 48.1	91	79
1368	7½	45 3.62	70 24 25.8	137	33
1369	8½	45 4.54	38 6 58.1	78	134
	9	4.76	59.6	498	7
1370	9½	45 8.80	58 4 36.2	91	80
1371	8	45 10.32	74 23 48.6	131	64
1372	9	45 10.88	25 20 7.0	504	8
	9½	10.90	8.1	521	21
1373	9	45 11.22	35 47 43.5	516	105
1374	9½	45 13.55	34 24 28.4	139	35
1375	9	45 14.53	45 9 45.8	524	12
1376	7½	45 14.90	66 53 15.8	526	20
1377	7	45 16.24	54 40 34.0	501	83
	7½	16.27	34.6	520	31
	7	16.37	35.2	522	26
1378	8	45 16.43	56 50 49.1	522	24
1379	9	45 17.87	44 43 26.2	99	65
	8½	17.88	25.2	99	63
1380	8	45 18.54	33 29 35.0	490	69
	8	18.57	37.2	139	34
1381	9½	45 20.43	61 33 30.4	142	31
1382	9½	45 20.72	50 59 29.3	518	34
1383	7½	45 21.33	32 39 54.3	490	70
	7½	21.40	54.9	84	60
1384	9	45 21.90	30 3 17.4	528	25
1385	8½	45 22.—	26 58 51.5	112	4
	8½	22.01	52.0	484	87
	9	22.02	50.0	69	196
	8½	22.06	52.0	105	42
1386	9	45 23.63	41 59 39.7	134	72
	9½	23.69	39.6	488	76
1387	8½	45 25.67	48 40 13.3	517	27
	8½	25.78	15.2	144	18
1388	8½	45 26.82	47 7 26.1	144	19
	9	26.93	26.8	517	28
	8	26.95	25.1	145	7
	8½	27.05	26.6	524	16
1389	9	45 29.33	72 5 20.4	131	66
1390	8½	45 31.06	58 36 2.5	91	81
	8½	31.21	4.1	91	82
1391	8	45 31.99	53 33 48.0	520	32
1392	9½	45 32.03	30 56 17.5	492	70
1393	9	45 33.22	50 25 21.4	518	37
1394	7½	45 34.53	31 4 6.3	492	69
	7½	34.59	5.1	135	37
1395	7	45 35.48	43 6 25.1	134	73
	7½	35.52	26.9	488	77
1396	9	45 39.63	64 43 18.4	89	24
	8½	39.76	19.0	526	22
1397	8½	45 40.07	39 59 51.8	109	69
	9	40.26	51.0	130	71
1398	8½	45 42.64	24 29 20.0	521	22
	8	42.71	20.6	63	68
1399	7½	45 47.75	55 22 55.3	522	25
	7½	47.96	53.9	501	84
1400	9	45 51.46	50 47 37.3	518	36
1401	8½	45 52.90	79 52 9.3	127	54
1402	8½	45 54.98	67 11 44.4	526	19
1403	8	45 55.06	29 46 42.6	528	26
	8	55.11	42.1	135	38
1404	8½	45 55.90	43 54 44.9	99	64
1405	9	45 55.96	45 39 59.9	524	13
1406	7	45 57.62	36 48 15.0	78	135
	7	57.73	15.2	516	106
1407	7	3 46 1.57	45 45 51.4	524	15
	7	1.64	51.8	145	8

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1408	7	3 46 3.65	72 2 38.4	131	65	
1409	9½	46 4.57	35 10 11.7	139	36	
1410	9	46 4.78	50 17 12.7	518	39	
1411	9	46 6.20	26 18 53.4	504	9	
1412	7½	46 8.63	53 37 16.6	520	33	
1413	9	46 11.56	45 33 15.8	524	14	
1414	7½	46 12.62	52 27 38.4	520	35	
1415	7½	46 14.23	39 21 39.2	109	70	
	7½	14.46	40.2	130	72	
1416	8	46 15.81	32 1 48.7	492	71	
	8	15.89	46.7	84	61	
	8	15.90	47.2	490	71	
1417	9½	46 16.85	34 1 3.1	490	72	
1418	9	46 16.94	24 24 43.2	63	69	
1419	8	46 18.43	23 18 26.5	63	70	
1420	8½	46 19.00	42 57 53.9	488	78	
	8	19.06	53.1	134	74	
1421	8	46 21.25	31 14 60.8	492	72	
	8	21.31	59.7	84	62	
1422	8½	46 28.06	34 7 34.6	139	37	
	8	28.25	37.0	490	73	
1423	8½	46 29.91	78 41 17.5	127	53	
1424	8½	46 30.44	65 13 15.2	89	25	
	8	30.55	15.5	526	21	
1425	8½	46 32.88	69 49 44.7	137	36	
1426	8½	46 42.19	25 57 45.4	484	88	
	9	42.24	45.0	504	10	
	8½	42.32	45.1	69	197	
	9	42.36	46.4	521	23	
1427	8½	46 42.89	67 4 30.4	89	26	
	8	42.97	32.4	137	37	
1428	8½	46 43.64	25 19 55.2	504	12	
	9	43.67	55.2	504	11	
	8½	43.68	55.3	69	198	
	9	43.79	55.2	521	24	
1429	8½	46 44.53	38 35 10.7	78	136	
	9	44.94	11.9	498	8	
1430	8½	46 44.86	29 12 41.0	135	39	
	8½	44.89	39.1	528	27	
	8	45.01	37.6	105	43	
1431	8½	46 47.63	56 31 35.5	522	27	
	8½	47.79	33.9	501	85	
1432	8½	46 51.94	44 26 52.6	99	68	
1433	8½	46 53.73	44 59 59.6	99	66	
	8½	53.76	59.4	145	9	
1434	9½	46 54.18	53 17 50.6	520	34	
1435	9½	46 55.36	47 1 12.9	524	17	
1436	8	46 57.11	44 44 31.3	99	67	
1437	8	47 1.61	40 27 40.6	109	71	
	8	1.64	40.1	130	73	
1438	9	47 1.70	61 21 8.4	142	33	
1439	8½	47 5.18	51 24 0.0	518	40	
1440	8½	47 9.72	52 13 17.1	520	36	
1441	8½	47 10.36	60 29 52.2	91	83	
	9	10.67	52.3	142	32	
1442	9	47 10.68	26 18 20.8	484	89	
	8½	10.88	23.8	69	199	
1443	10	47 10.76	64 30 15.6	526	23	
1444	8	47 15.73	48 54 16.1	144	20	
	8	15.81	14.6	517	29	
1445	9½	47 16.92	34 34 31.4	139	38	
1446	9	47 17.58	38 6 9.0	78	137	
	9	17.81	11.2	498	9	
1447	9	47 19.90	79 9 27.8	127	56	
1448	8½	47 24.94	23 18 57.6	63	71	
1449	9½	47 30.72	79 31 25.2	127	55	
1450	9½	47 31.03	38 2 15.6	78	138	
1451	8½	47 31.54	23 16 12.0	63	72	
1452	9	3 47 32.49	34 44 13.3	139	39	
1453	9½	3 47 35.11	28 53 33.1	135	40	
1454	8½	47 39.24	39 38 9.5	130	74	
1455	9	47 39.81	43 54 48.8	99	70	
1456	7½	47 43.66	70 16 7.0	137	35	
1457	9½	47 43.85	47 33 59.4	517	30	
1458	10	47 43.90	25 50 17.5	521	25	
1459	9	47 46.08	26 19 50.0	484	90	
	9	46.12	48.8	504	13	
1460	8½	47 46.90	37 53 50.1	78	139	
	8	47.14	49.2	498	10	
1461	9	47 49.00	46 13 46.3	524	18	
1462	7	47 50.91	47 41 33.2	517	31	
	6½	51.04	34.3	144	21	
1463	8½	47 54.60	46 32 13.7	524	19	
	7½	54.95	14.7	145	10	
1464	9½	48 2.10	71 18 2.1	131	67	
1465	9½	48 8.30	42 22 34.9	134	75	
1466	9	48 10.69	55 51 29.5	522	28	
1467	9½	48 12.92	37 46 38.8	498	11	
1468	9½	48 14.15	28 55 0.1	135	41	
1469	8	48 15.29	60 48 8.9	142	34	
1470	10	48 20.60	71 10 54.5	131	68	dpl. III. s. sq.
1471	8½	48 21.86	44 32 19.5	99	69	
1472	10	48 22.39	33 21 45.3	490	74	
1473	4½	48 23.49	24 58 58.9	504	15	
	4½	23.59	59.2	63	74	
	5	23.63	59.5	69	200	
	5	23.63	59.7	521	26	
1474	9	48 25.98	26 11 49.0	484	91	
	9	26.02	48.2	504	14	
1475	8½	48 27.58	34 39 5.3	139	40	
1476	9	48 27.90	46 57 15.7	144	22	
	8½	27.93	14.6	517	32	
	8½	28.14	13.5	524	20	
	8	28.25	14.4	145	11	
1477	8½	48 29.64	38 18 24.6	498	12	
1478	9½	48 31.18	28 40 42.1	528	28	
	8½	31.23	41.6	105	44	
1479	7	48 33.29	23 29 49.6	63	73	
1480	9	48 34.22	49 26 41.1	518	41	
1481	9	48 34.59	33 21 44.0	490	75	
1482	9	48 36.85	53 17 31.9	520	37	
1483	8½	48 37.30	42 20 46.9	488	79	
	8	37.55	46.5	134	76	
1484	8	48 37.65	45 19 6.2	524	23	
1485	9	48 38.77	45 56 32.5	524	21	
	8½	38.80	32.3	145	12	
1486	9	48 40.06	32 3 14.6	84	63	
	9	40.12	17.7	492	73	
1487	7½	48 41.24	56 40 5.4	522	30	
1488	8	48 43.32	74 53 25.8	131	70	
	8	43.64	27.0	127	57	
1489	9½	48 43.74	43 31 0.1	99	71	
1490	9	48 45.16	34 41 25.0	139	41	
1491	7½	48 50.57	70 44 10.5	137	38	
1492	9	48 51.14	58 11 12.6	91	85	
1493	8½	48 51.64	58 56 55.8	91	84	
1494	5½	48 53.26	35 6 9.5	139	42	
	5	53.29	11.0	516	107	
1495	9½	48 53.50	64 26 54.8	526	24	
	9½	53.60	56.5	526	27	
1496	9½	48 53.57	56 48 28.0	522	31	
1497	8	49 0.43	63 32 13.6	142	35	
	8	0.45	15.9	526	25	
	8½	0.46	14.8	142	37	
	8	0.76	15.3	89	27	
1498	8½	49 3.30	50 18 46.7	518	42	
1499	9	49 3.59	70 15 16.5	137	39	
1500	9½	3 49 4.83	45 42 46.8	524	22	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1501	10	3 49 5.89	43 26 49.3	99	73	
1502	7½	49 7.53	41 35 44.1	488	80	
	7½	7.56	43.8	134	77	
1503	7½	49 7.55	28 2 22.0	484	92	
	7½	7.55	23.6	528	29	
	7	7.64	21.4	105	45	
	7½	7.76	23.1	112	5	
1504	9	49 8.08	27 49 8.9	112	6	
1505	9½	49 9.79	55 26 43.9	522	29	
1506	8	49 9.86	39 54 7.1	759	1	
	8½	10.09	5.2	130	75	
1507	4	49 11.81	74 37 17.4	131	69	
1508	9	49 13.13	38 16 58.5	498	13	
1509	8	49 13.81	25 15 31.5	504	16	
	8	14.06	31.5	521	27	
1510	9½	49 14.94	31 41 11.7	492	74	
1511	8½	49 18.52	39 42 34.3	759	2	
	9	18.64	33.7	130	76	
1512	9	49 22.96	64 9 27.7	526	26	
	9	23.14	26.2	89	28	
1513	8½	49 28.86	60 43 53.0	142	36	
1514	9	49 34.44	26 57 52.9	484	93	
	8½	34.48	52.1	105	46	
1515	9½	49 35.00	26 23 7.6	504	17	p
1516	9	49 36.83	53 16 48.3	520	38	
1517	8	49 37.00	66 43 9.3	526	28	
1518	7½	49 37.44	43 31 58.4	99	72	
1519	9½	49 38.61	29 36 31.8	135	42	
1520	9	49 39.94	49 40 58.3	518	43	
1521	6	49 41.10	47 15 46.1	517	34	
	6	41.22	44.1	144	24	
1522	8½	49 41.46	47 14 26.9	144	23	
	8½	41.62	25.3	517	33	
1523	9	49 42.71	41 36 3.4	488	81	
	9	42.76	4.8	134	78	
1524	9½	49 43.21	47 11 55.4	517	35	
1525	8	49 49.57	25 15 0.9	521	28	
1526	9½	49 51.41	42 14 31.0	134	80	
1527	8½	49 53.95	54 28 33.2	520	39	
1528	9	49 55.86	29 34 46.1	528	30	
	8½	55.97	47.5	135	43	
1529	6	50 0.72	40 43 31.5	130	78	
1530	9	50 1.33	65 39 31.9	89	29	
1531	9½	50 5.39	42 1 15.7	134	79	
1532	9½	50 5.49	31 57 31.0	490	76	
1533	8	50 6.63	36 4 40.8	516	108	
1534	9	50 7.22	28 5 42.0	105	48	
1535	8	50 8.—	26 54 40.9	105	47	
	8½	8.74	41.3	484	94	
	8½	8.84	40.6	112	7	
1536	8½	50 10.41	46 38 31.5	145	13	
	8½	10.47	31.5	524	24	
1537	9	50 12.06	32 27 58.0	490	77	
1538	9	50 12.10	38 24 23.6	498	14	
1539	8½	50 12.34	69 27 7.8	137	41	
1540	8½	50 12.55	39 10 11.8	759	3	
	8	12.65	11.8	498	15	
	8½	12.73	12.0	130	77	
1541	9	50 17.98	22 58 24.5	63	75	
1542	8½	50 20.36	70 19 8.6	137	40	
1543	7½	50 20.93	26 17 42.4	484	96	
	7½	20.94	40.0	504	18	
1544	7½	50 22.93	26 34 51.1	484	95	
1545	8	50 25.44	35 55 52.6	516	109	
1546	7½	50 25.83	75 4 12.9	131	71	
	7	26.54	15.7	127	59	
1547	8½	50 32.89	26 18 38.2	484	97	
	8½	32.92	37.0	504	19	
1548	9	3 50 33.81	26 22 5.0	504	20	
1549	8½	3 50 33.93	23 54 53.6	521	29	
	8½	34.00	54.8	63	76	
1550	9½	50 34.62	30 32 8.6	135	44	
1551	9½	50 37.13	49 44 56.1	518	46	
	9½	37.25	55.2	518	44	
1552	9½	50 37.23	31 39 1.6	492	75	
1553	8	50 43.63	33 34 49.3	490	78	
	7½	43.81	49.6	139	43	
1554	7	50 43.66	46 46 59.7	524	25	
	7	43.75	60.5	145	14	
1555	8½	50 44.31	76 48 0.7	127	58	
1556	7½	50 45.73	56 46 55.1	522	32	
1557	7	50 46.32	39 7 31.1	759	4	
	7	46.38	30.6	498	16	
	7	46.42	30.8	130	79	
1558	8	50 49.42	23 47 21.5	63	77	
1559	7½	50 50.42	36 40 37.3	516	110	
1560	9½	50 52.74	41 36 11.0	488	82	
1561	8	50 54.85	38 20 34.7	498	17	
1562	9	50 57.45	30 10 34.7	492	77	
	9	57.54	33.9	135	45	
1563	9	50 59.40	28 39 14.0	112	8	
1564	8½	51 4.80	57 27 13.1	522	33	
	8½	4.85	11.9	91	86	
1565	8½	51 4.95	76 50 50.0	127	61	
1566	9½	51 6.55	50 24 1.7	518	47	
1567	8	51 8.51	30 1 27.3	135	46	
	8	8.53	25.8	528	31	
	7½	8.57	26.8	492	76	
1568	7½	51 10.99	25 32 6.7	504	21	
	7½	11.12	7.9	521	30	
1569	9	51 12.15	28 47 17.8	105	49	
1570	10	51 16.19	33 1 51.7	84	64	
1571	6½	51 17.11	53 3 19.6	520	40	
1572	9	51 18.63	49 26 49.7	144	25	
	9	18.74	47.4	517	36	
	9	18.79	48.4	518	45	
1573	9½	51 19.85	65 58 30.3	526	29	
1574	9	51 22.13	54 54 2.5	522	35	
1575	9½	51 23.86	66 17 48.6	89	30	
1576	9	51 28.65	51 5 56.9	518	48	
1577	9	51 30.66	41 26 44.9	134	81	
	8½	30.68	45.1	488	83	
1578	9	51 31.08	30 21 31.9	135	47	
	8	31.10	29.8	492	78	
1579	9½	51 31.19	48 9 8.3	517	37	
1580	8½	51 33.11	32 3 34.0	84	65	
	8	33.14	32.4	490	80	
	8	33.29	34.5	492	79	
1581	9	51 42.78	76 4 24.9	127	60	
1582	10	51 43.13	27 5 36.2	484	99	p
1583	9	51 43.69	36 25 26.0	516	111	
1584	9	51 44.05	46 39 40.9	524	26	
1585	8½	51 45.73	27 6 39.0	504	23	
	8½	45.83	40.4	484	98	
1586	8½	51 47.80	27 52 44.8	105	50	
	8½	47.87	45.2	112	9	
	8½	47.92	43.2	528	32	
1587	8½	51 48.66	54 48 45.4	522	34	
1588	8½	51 48.82	33 34 44.4	139	44	
	8½	48.84	43.9	490	79	
1589	8	51 49.48	53 32 13.6	520	41	
1590	10	51 49.68	60 53 14.8	142	38	
1591	8	51 49.68	41 50 10.4	488	84	
	8½	49.81	9.4	134	82	
1592	7½	51 54.07	24 59 36.9	504	22	
	7½	54.17	38.7	521	31	
	7½	54.24	36.4	63	78	
1593	7½	3 52 1.22	39 19 30.8	130	80	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1594	7½	3 52 5.71	43 28 40.7	99	75	
1595	9	52 7.41	58 18 18.0	91	88	
1596	9½	52 7.43	32 5 38.5	492	80	
1597	8	52 10.41	43 58 54.3	99	74	
1598	8½	52 10.71	69 40 15.9	137	42	
1599	9	52 11.01	58 5 20.2	91	89	
1600	8	52 12.60	40 16 40.4	759	5	n. pr.
	8½	12.77	38.6	130	81	
1601	8½	52 12.79	40 16 44.3	759	6	s. sq.
1602	9½	52 15.59	42 59 18.7	99	76	
1603	9	52 16.60	26 6 0.4	521	32	
1604	9	52 17.93	41 42 32.1	134	83	
	8½	18.04	32.3	488	85	
1605	9	52 18.02	26 20 57.6	504	24	
1606	8	52 18.20	52 9 49.2	518	49	
1607	9½	52 18.90	46 43 59.6	524	27	
1608	10	52 20.50	63 33 6.7	142	39	
1609	8½	52 20.64	58 45 14.3	91	87	
1610	8	52 20.65	48 7 56.9	144	26	
	7½	20.77	56.9	517	38	
1611	9	52 25.27	22 50 11.2	63	79	
1612	9	52 25.31	47 38 59.1	144	27	
1613	8	52 29.08	52 36 41.1	520	43	
1614	9	52 35.98	66 26 59.5	526	30	
	9½	36.13	59.4	89	31	
1615	9	52 36.13	30 13 44.8	135	48	
1616	7	52 38.34	40 23 57.0	759	7	
	7½	38.38	54.4	130	82	
1617	9½	52 42.82	44 58 37.6	524	28	
1618	8½	52 43.75	28 13 57.0	112	10	
	9	43.94	56.6	484	100	
	9	43.95	56.7	528	33	
1619	9½	52 51.52	27 31 27.2	105	51	
1620	9	52 53.56	77 42 35.4	127	62	
1621	9	52 54.96	24 17 53.4	521	33	
	8½	55.07	53.9	63	80	
1622	9	52 56.35	62 27 19.6	142	40	
1623	8½	52 56.55	39 27 34.6	759	8	
	8½	56.63	32.6	130	83	
1624	9	52 59.43	42 51 19.0	99	77	
	8½	59.52	18.2	488	87	
	9	59.58	17.4	488	86	
1625	9	53 4.17	32 23 57.8	490	81	
	9½	4.18	57.6	84	66	
1626	9½	53 5.18	34 37 8.1	139	45	
1627	8½	53 7.96	26 28 4.8	484	101	
	8½	8.07	5.8	504	25	
1628	8½	53 8.11	53 18 2.9	520	42	
1629	9	53 8.65	44 34 57.8	99	78	
1630	7	53 9.63	48 50 16.6	144	28	
	7	9.71	19.1	517	41	
	7½	9.77	16.2	517	39	
1631	9	53 10.06	34 52 13.1	516	112	
1632	8	53 13.73	24 9 14.8	521	34	
	8	13.81	14.9	63	81	
1633	8	53 16.55	61 16 14.4	142	43	
1634	8½	53 17.02	36 37 22.7	516	113	
1635	8½	53 18.41	60 20 42.3	91	91	
1636	8	53 20.84	50 7 7.5	518	50	
1637	8½	53 24.64	27 23 8.7	105	52	
	9	24.64	8.7	112	11	
1638	9½	53 25.23	49 24 19.8	518	51	
	9	25.31	19.3	517	40	
1639	7½	53 25.25	76 15 52.4	127	63	
1640	9½	53 25.97	35 3 38.6	139	46	
1641	9½	53 31.06	70 32 21.3	137	44	
1642	8½	53 34.05	61 8 42.2	142	41	
1643	8½	3 53 34.93	23 30 3.9	63	82	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1644	9½	3 53 37.00	30 55 29.7	135	49	
1645	9½	53 40.56	25 4 39.4	504	26	
1646	8½	53 40.87	45 5 50.8	524	29	
	8½	40.96	48.3	99	79	
	8	41.03	49.7	145	15	
1647	9	53 43.91	31 57 3.4	84	67	
	8½	43.98	4.8	492	81	
1648	9½	53 45.92	36 23 5.6	516	114	
1649	8½	53 46.65	56 41 10.4	522	36	
1650	9	53 51.28	33 49 53.7	490	82	
1651	8	53 52.63	53 36 4.4	520	45	
1652	8½	53 53.05	35 33 53.0	516	116	
1653	8½	53 54.17	60 57 13.9	142	42	
1654	9	53 56.44	27 47 2.4	484	102	
	8½	56.62	3.8	105	53	
1655	9	53 57.34	37 9 14.5	498	18	
1656	7½	53 57.53	53 6 27.4	520	44	
1657	9½	53 58.10	32 0 35.3	84	68	
	9	58.23	36.4	492	82	
1658	8½	53 58.33	46 44 17.1	524	30	
	7½	58.56	18.3	145	16	
1659	8½	53 58.87	66 48 49.9	89	35	
	8½	58.91	48.9	89	32	
1660	9½	54 4.54	33 53 5.6	490	83	
1661	9	54 6.78	29 54 57.0	528	35	
	9½	6.93	60.5	135	50	
1662	8	54 7.12	65 38 56.0	526	31	
	9	7.13	57.2	89	33	
1663	8½	54 9.16	58 50 49.9	91	90	
1664	9	54 9.23	42 11 56.1	488	88	
1665	8½	54 11.97	40 47 52.9	759	9	
1666	8½	54 15.20	26 16 1.0	484	103	
1667	9	54 15.36	69 46 7.1	137	43	
1668	8	54 15.94	36 8 7.5	516	115	
1669	9½	54 21.24	38 57 3.7	130	84	
1670	9	54 22.12	29 7 51.3	528	34	
	9	22.14	54.4	135	52	
	9	22.16	49.7	105	54	
1671	9½	54 23.56	28 54 48.3	105	55	
1672	9	54 26.45	24 56 10.9	521	36	
	9	26.53	11.0	504	27	
1673	6½	54 26.92	63 49 32.0	526	33	
	6½	27.03	32.5	89	36	
1674	9	54 28.22	38 39 9.6	498	19	
1675	8½	54 31.45	54 42 55.2	522	37	
1676	9½	54 32.16	33 48 35.0	490	84	
1677	8	54 32.51	48 31 40.4	144	29	
	8	32.56	41.1	517	42	
1678	8	54 32.89	23 31 58.1	63	83	
1679	9	54 33.58	29 41 39.0	135	51	
1680	9	54 34.19	65 32 59.7	89	34	
	7	34.20	59.7	526	32	
1681	4½	54 35.87	24 22 18.8	521	35	
1682	7	54 40.59	49 58 6.3	518	52	
1683	9	54 40.91	44 38 52.3	99	80	
1684	9	54 42.39	25 41 7.2	504	28	
1685	8	54 49.35	42 38 21.8	488	90	
1686	9½	54 49.94	44 51 12.6	524	31	
1687	9	54 52.47	27 37 14.9	484	104	
1688	8	54 55.55	23 31 31.4	63	84	
1689	8	54 57.31	56 36 30.3	522	38	
1690	9	55 1.75	23 31 4.1	63	85	
1691	8	55 4.43	42 15 6.1	488	89	
1692	8½	55 5.24	39 8 56.5	759	11	
	8½	5.31	56.8	130	85	
	8½	5.42	56.1	498	20	
1693	9	55 11.28	57 7 21.9	522	39	
1694	9	3 55 13.40	40 14 30.7	759	10	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1695	9	3 55 14.03	36 22 37.8	516	117	
1696	8½	55 14.85	27 11 23.6	484	105	
	8½	15.02	23.3	504	29	
1697	7	55 15.29	44 16 19.6	99	81	
1698	9	55 15.47	28 2 35.5	112	12	
	8½	15.60	34.9	105	56	
1699	9	55 20.81	74 18 30.0	131	73	
1700	9	55 21.51	29 35 24.4	135	53	
	9	21.54	21.8	528	36	
1701	8	55 23.11	31 47 51.2	84	69	
	8½	23.19	50.3	490	85	
	8½	23.20	53.2	492	83	
1702	9	55 26.27	51 31 57.0	518	54	
1703	8	55 28.71	51 26 44.7	518	53	
1704	8	55 30.00	49 16 8.9	144	30	
	8	30.03	8.9	517	44	
1705	9	55 30.95	47 6 38.9	517	43	
	9	31.04	38.2	524	34	
	9	31.22	39.6	144	31	
	8½	31.39	38.7	145	18	
1706	9	55 33.13	32 7 17.3	490	86	
	9	33.13	19.4	492	84	
1707	9	55 33.39	43 32 48.0	99	82	
1708	8½	55 34.69	57 6 51.9	522	41	
1709	9	55 35.94	46 30 17.0	524	32	
	9½	36.07	16.4	145	17	
1710	9½	55 36.25	73 57 19.1	131	72	
1711	6½	55 41.41	30 50 38.9	135	54	
	6	41.53	38.2	492	85	
	6	41.60	37.2	84	70	
1712	8½	55 41.48	23 38 7.6	63	86	
1713	9½	55 42.36	35 12 11.2	516	118	
1714	9	55 44.01	57 14 10.1	522	40	
1715	9	55 44.58	25 31 37.2	504	30	
1716	9	55 44.91	27 42 43.9	484	106	
1717	9	55 49.61	42 44 36.7	488	91	
1718	9	55 56.06	46 35 8.3	524	33	
1719	8½	55 57.19	39 17 43.5	759	12	
	8½	57.30	41.9	130	86	
1720	8½	55 58.36	28 37 17.3	105	57	
	8½	58.43	20.3	112	13	
	8½	58.56	19.5	528	38	
1721	9	56 1.14	27 45 34.0	484	107	
1722	9	56 1.59	37 27 52.2	498	21	
1723	6½	56 2.03	57 27 27.4	522	42	
	6½	2.12	29.8	91	92	
1724	9½	56 2.89	33 24 28.9	490	87	
	9	2.97	28.1	139	48	
1725	7½	56 8.47	26 52 5.2	504	31	
	7½	8.50	5.2	112	14	
1726	9½	56 10.90	31 4 42.1	84	71	
1727	9	56 14.87	32 56 29.0	490	89	
	9	14.93	29.0	139	47	
1728	8½	56 16.51	42 6 1.3	488	92	
1729	8½	56 18.93	64 22 39.8	526	34	
	9	19.04	38.6	89	37	
1730	8	56 20.77	75 40 17.6	496	1	
	8	21.17	17.3	127	64	
1731	9½	56 23.18	33 19 8.5	139	49	
	9½	23.22	8.6	490	88	
1732	9½	56 24.62	76 50 7.1	127	66	
1733	9	56 25.33	50 41 1.5	518	56	
1734	9	56 26.39	44 50 43.7	99	83	
1735	9	56 31.03	28 3 58.0	484	108	
	9½	31.07	56.3	528	37	
	9	31.14	55.9	105	58	
1736	10	56 33.84	32 36 47.7	490	90	
1737	8½	56 36.94	50 33 29.8	518	55	
1738	10	3 56 38.56	72 41 59.3	131	76	
1739	8½	3 56 40.94	61 39 21.5	142	44	
1740	5	56 46.32	61 45 11.3	142	45	
1741	9	56 47.46	38 54 16.8	759	13	
	9	47.66	18.3	498	22	
	9	47.68	16.1	130	87	
1742	9½	56 49.94	32 11 13.4	84	73	
1743	8	56 50.64	54 30 50.8	520	47	
1744	7	56 51.86	56 49 35.3	522	43	
1745	9½	56 53.31	31 7 53.4	84	72	
1746	7	56 54.04	51 55 1.2	518	57	
	7	54.21	0.4	520	46	
1747	8½	56 59.03	24 47 31.2	63	87	
	9	59.10	30.7	521	37	
1748	9½	57 2.74	30 52 38.0	492	87	
1749	8	57 2.93	30 49 3.2	135	55	
	8½	3.01	10.8	492	86	
1750	8½	57 6.08	44 47 52.0	99	84	
1751	9½	57 6.28	49 20 9.6	144	32	
1752	10	57 9.48	61 31 15.7	142	46	
1753	9	57 10.89	45 12 1.8	99	85	
	9	11.09	0.1	524	35	
1754	9½	57 12.39	58 19 17.5	91	93	
1755	9	57 12.50	67 11 45.8	526	35	
1756	9	57 15.12	59 1 32.6	91	94	
1757	7	57 15.59	34 49 50.5	139	50	
	7	15.59	51.7	516	120	
1758	7½	57 17.17	28 52 38.1	112	15	
	7½	17.35	41.7	135	56	
	7½	17.37	40.8	528	39	
1759	9	57 20.17	56 40 27.4	522	45	
1760	8	57 20.41	36 26 52.7	516	119	
1761	8½	57 20.72	26 58 43.2	105	59	
	9	20.85	42.5	504	32	
1762	7	57 23.74	22 56 21.3	63	88	
1763	7	57 24.75	46 29 14.2	524	36	
	7½	24.90	14.1	145	19	
1764	9½	57 30.33	43 31 17.3	99	87	
1765	9½	57 30.57	29 0 56.9	528	40	
1766	9	57 32.02	24 19 55.2	521	38	
1767	8½	57 32.55	27 20 39.1	484	109	
	8½	32.61	39.1	105	60	
	8½	32.61	39.0	112	17	
1768	7½	57 33.55	27 50 0.9	484	110	
	7½	33.63	2.6	528	41	
	7½	33.68	2.1	112	16	
1769	8½	57 33.65	78 13 22.5	127	67	
1770	8½	57 34.69	48 11 13.9	517	45	
1771	9½	57 36.18	74 18 21.2	131	74	
1772	8½	57 40.63	50 46 12.1	518	59	
1773	9½	57 40.86	27 16 25.0	105	61	
1774	9	57 43.87	41 17 11.3	488	93	
1775	9	57 46.87	73 54 44.6	131	75	
1776	8½	57 50.07	54 40 26.6	520	48	dpl. II. s. pr.
	8½	50.36	28.0	522	46	
1777	9½	57 51.19	48 47 0.4	144	33	
1778	8	57 51.94	69 52 49.3	137	45	
1779	8½	57 51.94	38 19 5.0	498	24	
1780	7½	57 52.75	66 13 60.5	526	36	
	8	52.99	59.8	89	38	
1781	9½	57 53.51	60 1 23.6	91	96	
1782	9	57 53.90	31 35 22.4	84	74	
	8½	54.01	23.6	492	88	
1783	8½	57 55.15	75 31 18.1	496	2	
	9	55.24	16.9	127	65	
1784	7	57 58.29	54 44 30.1	520	50	
	7	58.43	30.8	522	47	
1785	8	58 2.09	52 22 2.7	520	51	
1786	8	3 58 2.58	54 45 17.6	520	49	
	8	2.65	18.9	522	48	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1787	8	3 58 4.18	50 51 16.2	518	61	
1788	9½	58 4.50	56 43 35.3	522	44	
1789	9	58 4.66	40 38 26.0	130	88	
1790	8½	58 5.17	51 18 26.9	518	58	
1791	8½	58 5.41	38 44 5.1	498	23	
1792	6½	58 7.20	62 14 42.0	142	47	
1793	9	58 8.10	26 21 40.9	504	33	
1794	9½	58 8.21	30 48 49.1	492	89	
	9½	8.26	47.4	84	75	
1795	7½	58 11.27	24 48 17.6	521	39	
	7½	11.41	17.9	63	89	
1796	9½	58 15.45	33 20 9.5	490	91	
1797	8½	58 16.00	45 0 37.0	524	37	
	8	16.14	39.0	145	20	
1798	7½	58 17.36	68 41 45.8	137	46	
1799	9	58 19.04	43 39 29.3	99	86	
1800	7	58 19.49	59 0 40.6	91	95	
1801	8½	58 19.78	26 49 33.5	484	111	
	9	19.80	34.7	105	62	
1802	7	58 20.54	26 11 35.6	484	112	
	7½	20.72	35.0	504	34	
1803	8½	58 23.34	25 13 14.5	504	35	
	8½	23.41	14.7	521	40	
1804	8	58 25.46	40 20 32.5	759	14	
	8	25.64	29.4	130	89	
1805	9	58 26.99	37 4 31.1	496	25	
	8½	27.02	31.5	516	121	
1806	8	58 29.09	50 51 20.9	518	60	
1807	10	58 32.10	33 2 19.4	139	51	
1808	7½	58 33.20	40 9 4.0	130	90	
	7	33.20	5.5	759	15	
1809	8½	58 33.61	63 15 14.2	142	48	
1810	7	58 44.51	39 42 38.0	759	16	
1811	9½	58 46.69	53 53 27.1	520	53	
1812	8½	58 46.85	44 38 38.5	99	88	
1813	9½	58 48.39	31 23 54.5	84	76	
1814	8	58 57.80	44 44 2.8	99	89	
1815	8½	59 1.38	57 34 5.3	91	97	
1816	9	59 2.28	39 43 25.8	759	17	
1817	8½	59 2.75	38 56 52.8	759	18	
1818	9	59 3.51	44 56 10.2	524	38	
	8½	3.52	12.0	145	21	
1819	8	59 4.67	58 57 59.6	520	52	
1820	5	59 5.63	62 30 28.9	142	49	
1821	9	59 7.65	49 10 28.6	517	46	
1822	9	3 59 8.52	32 7 13.0	490	93	
	9	8.53	13.2	492	90	
1823	7	3 59 10.85	37 24 45.6	498	26	
1824	9	59 13.72	31 37 32.9	492	91	
1825	8½	59 15.23	27 59 44.2	484	113	
	9	15.28	46.3	112	18	
	8½	15.28	44.2	528	42	
	8½	15.31	45.3	105	63	
1826	9	59 18.80	31 37 52.0	492	92	
1827	7	59 19.72	48 42 50.4	517	47	
	7	19.85	50.5	144	34	
1828	9	59 20.58	31 11 42.9	84	77	
1829	10	59 23.81	33 45 59.1	490	92	
1830	9½	59 24.14	62 20 27.2	142	51	
1831	8	59 26.83	44 28 55.7	99	90	
1832	9½	59 26.83	46 30 27.0	524	41	
1833	7½	59 28.42	66 31 36.6	526	37	
	8½	28.73	36.5	89	40	
1834	8	59 30.61	64 46 14.8	526	38	
	8	30.81	14.9	89	39	
1835	9	59 35.27	46 26 30.1	524	40	
1836	8	59 36.96	24 45 32.3	63	90	
	9½	37.06	33.3	521	41	
1837	9	59 38.14	28 4 45.6	105	64	
	9½	38.16	43.1	528	43	
1838	8½	59 39.24	55 5 35.5	522	49	
1839	8	59 39.55	25 51 8.6	484	114	
	8½	39.60	7.4	504	36	
1840	9	59 39.76	38 28 6.8	498	27	
1841	8	59 39.98	28 41 25.7	105	65	
	8½	40.03	28.0	528	44	
	8	40.18	25.7	112	19	
1842	9½	59 41.26	32 49 13.5	490	94	dpl. II. n. sq.
1843	7½	59 43.77	51 59 31.6	520	54	
	7½	43.83	29.6	518	62	
1844	9½	59 44.45	44 48 1.7	99	92	
1845	8	59 44.92	35 4 38.8	139	52	
	8½	44.93	38.5	516	122	
1846	8½	59 45.34	44 49 18.0	99	91	
1847	9½	59 45.39	48 5 50.2	517	49	
1848	8	59 45.92	45 4 35.6	524	39	
	8	45.98	36.3	99	93	
	7½	45.99	37.8	145	22	
1849	8½	59 48.85	62 18 14.4	142	50	
1850	9½	59 50.67	42 28 55.5	488	94	
1851	8	59 53.63	30 33 53.1	492	95	
	8	53.65	52.7	135	57	
1852	7	3 59 56.95	48 12 16.7	517	48	
	7	57.03	19.1	144	35	

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HORA IV.

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1	8½	4 0 0.98	30 31 14.5	492	94	
	8½	1.03	16.8	135	58	
2	9½	0 2.68	48 5 10.2	517	50	
3	9	0 4.04	40 6 27.9	759	19	
	9	4.22	25.7	130	91	
4	8½	0 8.01	55 56 40.4	522	50	
5	9½	0 8.82	26 8 50.3	521	42	
	8½	8.88	52.6	484	115	
6	8½	0 9.21	50 34 42.7	518	63	
7	8½	0 10.43	31 30 37.4	492	93	
	8½	10.51	38.5	84	78	
8	9½	0 12.73	28 41 30.3	528	46	
9	9½	0 13.35	67 29 42.1	137	47	
	9	13.45	42.2	526	40	
10	8½	0 14.43	57 48 15.1	91	98	
11	8	0 14.59	52 50 57.9	520	57	
12	8	0 16.84	35 47 11.4	516	123	
13	8½	0 17.49	52 32 26.7	520	56	
14	8	0 21.40	52 16 5.3	520	55	
15	9	0 24.04	41 37 24.6	488	95	
16	7	0 24.59	61 42 16.2	142	52	
17	8½	0 26.68	73 43 53.0	131	77	
18	8½	0 28.03	36 43 52.1	516	124	
19	6	0 28.23	27 59 40.7	484	117	
	6	28.27	42.6	112	20	
	6	28.35	40.6	528	47	
	6	28.45	42.4	105	66	
20	9	0 28.68	80 9 57.7	496	3	
21	8	0 34.74	64 54 56.7	526	39	
	9	35.14	54.8	89	41	
22	9	0 35.43	33 8 56.0	490	95	
	9	35.58	56.8	139	53	
23	9	0 37.56	33 54 58.2	490	96	
	9½	37.66	58.3	139	54	
24	8	0 37.81	59 52 40.4	91	99	
25	7½	0 38.59	59 55 22.1	91	100	
26	9½	0 38.63	29 29 39.0	135	59	
	9½	38.83	36.6	528	45	
27	7	0 40.58	31 23 24.8	84	79	
	7	40.81	22.8	492	97	
28	8	0 42.55	46 14 35.1	524	42	
	8	42.72	35.7	145	23	
29	9	0 42.86	26 59 45.8	105	67	
	9	42.94	46.9	484	116	
30	9	0 47.78	39 41 23.6	759	20	
31	7½	0 48.29	45 0 33.5	99	94	
	8	48.36	32.3	524	43	
	8	48.42	33.8	145	24	
	7½	48.43	32.1	99	95	
32	8	0 50.51	23 37 5.4	63	91	
33	9½	4 0 50.81	42 15 3.4	488	96	
34	8½	4 0 51.92	23 49 9.5	521	43	
	8	51.99	8.9	63	92	
35	8½	0 52.25	30 1 3.2	492	96	
	9	52.28	3.5	135	60	
36	9	0 52.70	26 5 55.7	504	37	
37	9	0 55.00	48 0 23.6	144	36	
	8	55.11	22.9	517	51	
38	8	0 57.77	76 51 45.4	127	68	
39	8	0 59.73	35 48 21.5	516	125	
40	8	1 1.43	55 44 27.2	522	51	
41	9½	1 5.86	50 54 12.1	518	64	
42	9	1 7.70	25 1 25.7	521	44	
	9	7.78	23.9	63	93	
43	8½	1 10.84	78 53 4.7	496	4	
44	9½	1 13.65	48 5 54.5	517	52	
45	9½	1 19.07	61 35 40.1	142	53	
46	9	1 22.87	40 51 58.1	759	22	
	9	22.95	53.7	130	92	
47	9	1 28.01	30 59 30.7	135	61	
48	7½	1 28.83	71 30 45.9	131	78	
49	8½	1 29.93	47 33 42.7	517	54	
50	9	1 32.77	37 50 8.1	498	28	
51	9	1 33.10	48 10 18.6	517	53	
52	8½	1 36.31	39 19 48.1	759	21	
	8½	36.50	46.5	130	93	
53	9	1 40.03	56 8 14.5	522	52	
54	7½	1 40.22	46 0 15.7	524	44	
	7½	40.29	17.3	145	25	
55	9	1 41.23	41 57 47.4	488	98	
56	8½	1 42.92	42 17 52.4	488	97	
57	9	1 44.63	46 27 55.9	524	45	
58	9	1 45.31	56 29 24.4	522	53	
59	9	1 48.97	31 15 20.9	492	98	
60	8½	1 51.77	59 17 41.7	91	101	
61	8½	1 52.28	27 28 12.2	105	68	
	8½	52.29	13.8	484	118	
	8	52.32	14.5	112	21	
62	8½	1 53.19	47 8 21.4	524	46	
	8	53.24	23.1	145	26	
63	9½	1 55.34	32 47 —	490	98	dpl. I. s. sq.
	9½	55.47	38.2	84	80	
64	7½	1 59.36	51 42 48.6	518	65	
65	9½	2 0.41	23 50 25.4	521	45	
66	8½	2 1.29	29 8 52.6	135	62	
	8½	1.34	50.0	528	48	
67	9½	2 5.57	33 42 55.2	139	55	
68	9½	2 7.44	24 5 21.5	521	47	
	9	7.51	19.3	63	95	
69	8½	4 2 10.52	32 4 22.1	492	99	
	9	10.55	24.9	84	81	
	8½	10.58	22.9	490	97	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
70	9	4 2 10.53	41 39 29.2	488	99
71	9	2 10.58	26 2 26.5	504	39
	9	10.59	27.8	484	120
72	8½	2 11.49	38 24 20.0	498	30
73	8½	2 11.73	25 4 44.2	504	38
	8½	11.82	41.7	63	94
74	8½	2 12.38	26 38 7.2	504	40
75	9	2 13.58	27 45 7.9	112	22
	8½	13.62	9.1	484	119
	8	13.68	7.2	105	69
76	8½	2 15.18	29 1 32.2	105	71
	9	15.26	32.2	135	63
	8½	15.35	32.7	112	24
	9	15.44	30.4	528	49
77	8½	2 15.50	35 51 51.3	516	126
78	9	2 16.28	38 41 44.1	498	29
79	9½	2 21.91	70 34 21.1	137	48
80	9	2 22.02	63 7 30.7	142	55
81	8½	2 26.08	23 26 23.9	63	97
82	9½	2 29.04	24 8 33.3	521	46
	8½	29.14	33.6	63	96
83	8½	2 30.04	34 37 30.8	139	56
84	8	2 30.32	35 52 54.6	516	127
85	8½	2 30.53	39 23 26.2	759	23
	9	30.59	23.8	130	94
86	9½	2 30.56	63 27 4.1	89	42
87	7½	2 33.59	69 17 20.0	137	50
88	9½	2 38.00	40 36 26.1	130	95
89	9½	2 41.37	76 0 23.6	496	5
90	9½	2 41.54	43 41 25.5	99	96
91	8	2 43.18	36 28 41.1	516	129
92	9	2 43.95	47 46 31.5	517	55
93	8½	2 44.60	27 53 53.7	484	121
	8½	44.82	53.6	528	50
	8½	44.87	52.7	105	70
	8½	44.91	53.8	112	23
94	9	2 48.21	42 0 22.4	488	100
95	8½	2 51.24	70 36 47.8	137	49
96	7½	2 53.07	35 43 35.6	516	128
97	10	2 56.02	30 14 54.9	135	64
98	8½	2 58.25	25 43 29.6	504	41
99	9	2 59.06	56 24 16.9	522	54
	9	59.10	17.7	522	56
100	9	3 1.15	39 49 58.5	759	24
101	9½	3 2.65	49 59 25.3	518	66
102	7	3 4.84	37 23 44.4	498	31
103	8½	3 7.05	58 48 56.7	91	102
104	8	3 8.90	45 16 49.3	524	48
	8	9.01	51.1	145	27
105	9	3 10.91	61 49 16.4	142	57
	9	10.92	17.3	142	54
106	9	3 14.56	71 29 39.1	131	79
107	9	3 14.64	63 3 51.0	142	56
108	8	3 16.18	46 38 1.1	524	47
	8	16.30	1.9	145	28
109	6½	3 18.12	43 15 3.5	99	97
110	7	3 19.68	49 57 49.5	518	67
111	9	3 19.79	47 32 51.6	517	56
112	10	3 20.16	71 29 8.2	131	80
113	9½	3 23.30	44 19 58.8	99	99
114	8	3 28.21	33 11 22.0	490	99
	8	28.34	23.7	139	57
	7½	28.36	24.4	84	82
115	9½	3 28.93	33 35 26.0	490	100
116	8	3 30.92	53 18 47.7	520	58
117	9½	3 32.39	31 17 58.4	492	100
118	9	3 34.43	60 18 6.4	91	104
119	9½	4 3 38.38	29 38 21.9	135	65
120	8½	4 3 40.83	35 44 31.9	516	130
121	8½	3 42.89	41 35 25.2	488	101
122	8	3 45.20	25 20 55.6	504	42
	8	45.29	56.4	521	48
123	8½	3 53.77	34 27 2.5	139	58
124	8	3 54.95	29 14 19.9	135	66
	8	55.05	18.9	528	51
	7½	55.14	18.2	105	72
125	9	3 56.53	56 54 36.4	522	55
126	9½	3 56.78	36 36 11.6	516	131
127	8½	3 58.05	75 56 53.1	496	6
128	7½	4 0.85	60 12 38.0	91	103
129	9	4 3.14	66 17 10.0	526	41
130	8	4 4.54	43 11 9.8	488	104
	8	4.78	11.3	99	98
131	9½	4 7.39	60 15 23.0	91	105
132	9	4 7.85	42 11 34.0	488	102
133	8½	4 8.08	40 25 52.1	759	25
	8	8.33	49.3	130	96
134	9	4 10.28	33 43 51.3	490	101
135	9	4 14.42	50 26 21.3	518	70
136	8½	4 14.79	29 7 8.3	135	67
	8½	14.82	5.5	528	52
	8	14.89	7.0	112	25
	7½	14.91	6.9	105	73
137	8½	4 15.87	52 53 46.4	520	59
138	8½	4 16.13	64 15 48.5	526	43
	8½	16.37	48.1	89	43
139	8½	4 17.05	45 32 55.5	524	49
	9	17.24	57.2	145	29
140	8½	4 17.43	28 8 25.6	528	53
	8½	17.43	23.5	484	122
	8	17.49	23.8	112	26
	8	17.50	23.3	105	74
141	7½	4 19.75	26 21 4.6	484	123
	7½	19.86	2.2	504	43
142	9½	4 25.95	42 14 1.3	488	103
143	9½	4 28.05	66 7 27.1	526	42
144	7½	4 31.31	50 30 25.4	518	69
145	8	4 33.62	48 40 33.4	517	57
146	8½	4 36.47	50 50 22.1	518	68
147	6½	4 41.23	46 11 43.9	524	50
	6½	41.47	45.5	145	30
148	9	4 42.57	48 32 24.0	517	58
149	7½	4 43.59	25 22 14.3	504	44
	7½	43.79	16.8	521	49
150	8	4 46.58	33 18 9.0	490	102
	7½	46.61	8.0	139	59
151	9	4 53.94	27 58 4.6	105	75
	9	53.94	5.7	112	27
	9½	54.12	3.9	528	54
152	8	4 54.23	36 58 55.2	516	132
153	9	4 55.92	71 44 8.4	131	81
154	9	4 57.81	25 44 49.0	484	124
155	9	4 57.83	39 0 56.9	759	26
	9½	57.96	55.1	130	97
156	9½	4 58.18	25 19 3.0	504	45
	9½	58.39	2.5	521	50
157	7½	5 1.16	47 43 27.6	517	59
158	8½	5 11.77	60 3 42.0	91	106
159	8½	5 13.14	33 28 48.9	490	103
	8½	13.20	51.0	139	60
160	9½	5 13.67	43 48 43.1	99	101
161	10	5 17.09	51 53 53.4	520	60
162	8	5 18.12	26 22 45.0	484	126
163	9	5 18.19	37 40 51.7	498	32
164	7½	4 5 21.16	34 49 33.6	139	61
	7½	21.20	33.4	516	133

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
165	7½	4 5 23.96	26 56 3.4	105	76	
	8	24.05	5.6	112	28	
166	8½	5 27.53	30 36 32.0	135	68	
	8½	27.63	33.4	492	101	
167	8	5 28.35	25 44 49.4	484	125	
	8	28.44	48.9	521	52	
	8	28.48	50.0	504	47	
168	9	5 29.54	41 37 53.0	488	105	
169	8½	5 29.63	48 48 19.2	517	61	
170	7½	5 30.61	25 25 12.6	504	46	
	7½	30.66	13.3	521	51	
171	9	5 32.78	26 55 20.7	105	77	
172	9	5 34.23	43 57 11.6	99	100	
173	8½	5 38.11	23 42 42.9	63	98	
174	9.	5 42.62	69 44 0.7	137	51	
175	9½	5 44.64	54 58 6.7	522	57	
176	9	5 45.34	40 33 28.3	759	27	
	9	45.61	24.6	130	98	
177	8	5 49.11	47 45 28.5	517	60	
178	9	5 51.94	29 22 47.1	135	69	
	9	52.10	43.5	528	55	
179	9	5 52.48	45 40 51.5	524	51	
180	9½	5 55.28	29 18 48.9	135	70	
181	9	5 58.51	40 40 13.9	759	28	
	9	58.82	10.9	130	99	
182	6½	6 0.29	64 33 50.8	89	44	
183	9	6 4.17	75 29 47.3	496	7	
184	9	6 4.98	56 52 57.4	522	58	
185	8	6 5.22	42 56 57.7	99	103	
	8	5.35	55.2	99	102	
186	9½	6 6.26	49 57 11.9	518	71	
187	6½	6 7.17	35 35 55.3	516	134	
188	10	6 11.28	33 30 4.6	490	104	
189	8½	6 12.62	40 51 42.6	759	29	
	8	12.72	41.2	488	106	
	8½	12.82	42.0	130	100	
190	9	6 14.46	63 5 31.9	142	58	
191	8½	6 21.17	34 26 15.7	139	62	
192	9	6 21.47	27 5 5.6	504	48	
193	7	6 22.92	70 12 12.6	137	52	
194	9½	6 24.67	27 24 37.2	105	78	
195	9	6 25.04	59 51 0.4	91	107	
196	9½	6 31.04	56 21 28.0	522	59	
197	5½	6 38.17	42 19 14.5	488	107	
198	9½	6 38.35	33 9 52.5	108	1	
	10	38.38	53.2	139	63	
199	8½	6 38.87	45 50 7.4	524	52	
	8½	38.88	8.7	145	31	
200	8½	6 38.90	67 30 1.6	526	44	
201	8½	6 41.58	64 55 58.4	526	47	
	9	41.64	58.1	89	45	
202	8	6 44.25	66 46 26.2	526	45	
	8½	44.44	25.6	89	47	
203	9	6 45.05	69 35 30.8	137	53	
204	9	6 47.01	26 26 46.9	484	127	
205	8½	6 52.88	27 52 33.3	112	29	
	9	52.90	33.0	528	57	
	9½	52.97	33.9	528	56	
206	9	6 55.00	30 39 16.7	492	102	
	9	55.11	17.1	135	71	
	9	55.34	16.9	531	3	
207	9	6 55.93	57 28 36.1	91	108	
208	9½	6 58.11	30 34 28.0	135	72	
	8½	58.13	28.2	492	104	
	8½	58.28	27.8	531	1	
209	9	6 59.60	24 13 49.5	63	99	
	9½	59.66	51.2	521	53	
210	9½	7 9.01	55 9 47.3	522	60	
211	9½	4 7 9.36	58 0 44.3	91	109	
212	9	4 7 10.14	27 22 51.0	105	79	
	9	10.47	50.8	112	30	
213	9½	7 12.50	34 5 27.5	490	105	
214	9½	7 13.10	36 22 34.5	516	135	
215	7½	7 13.30	65 54 17.9	526	46	
	7½	13.40	20.0	89	46	
216	8	7 13.67	30 45 33.2	492	103	
	8	13.73	31.6	531	2	
	8½	13.79	35.0	135	73	
217	8½	7 16.51	78 53 11.9	496	8	
218	9½	7 17.45	55 6 42.6	522	61	
219	7½	7 18.46	47 15 41.9	517	62	
220	9	7 18.82	62 53 18.8	142	59	
221	9	7 19.21	79 32 34.9	496	10	
222	8½	7 23.09	60 37 44.9	91	110	
223	9	7 26.24	27 15 9.4	105	80	
	9	26.52	10.9	484	128	
	9	26.54	12.6	112	31	
224	9	7 26.91	24 13 3.3	521	54	
	8½	27.03	3.8	63	100	
225	9	7 28.79	28 18 19.1	528	58	
226	8	7 29.55	31 53 56.5	490	106	
	7½	29.56	57.6	84	83	
	7½	29.70	55.5	108	2	
227	7	7 29.84	24 8 31.3	521	55	
	7	29.99	32.0	63	101	
228	9	7 34.51	73 36 42.7	131	82	
229	9½	7 34.93	30 29 3.0	531	4	
230	8½	7 35.51	39 10 48.4	759	30	
	9	35.71	49.1	130	101	
	8½	35.87	45.5	498	33	
231	9½	7 40.20	44 57 19.3	99	104	
	9½	40.25	19.4	524	53	
	9	40.45	20.6	145	32	
232	9½	7 41.37	45 32 50.5	524	55	
233	6½	7 43.40	23 26 51.7	63	102	
234	9	7 46.60	61 44 51.9	142	60	
235	9½	7 48.40	45 8 18.5	99	105	
236	9	7 49.05	40 47 27.9	759	31	
237	9	7 49.37	69 22 44.6	137	54	dpl. III.
238	8½	7 52.61	26 45 31.4	484	129	
	8½	52.63	30.1	504	50	
239	7½	7 53.52	30 38 4.1	531	5	
	8	53.53	5.2	135	74	
	8	53.59	4.6	492	105	
240	10	7 54.76	73 36 14.6	131	83	
241	7½	7 55.21	36 28 28.1	516	137	
242	7½	7 56.87	28 51 43.2	112	32	dpl. I.
	8½	56.88	43.7	135	75	
	7½	56.99	43.6	105	81	
	8	57.14	43.5	528	59	
243	9	7 58.37	25 36 45.1	504	49	
244	8	7 58.57	36 27 52.9	516	136	
245	7½	7 58.97	47 24 27.4	517	63	
246	9	8 6.15	33 27 39.3	490	107	
	9½	6.27	39.6	139	64	
247	8½	8 10.04	54 21 44.5	522	62	
	8	10.16	43.1	520	61	
248	7½	8 14.36	33 6 54.8	139	65	
	7½	14.39	55.1	490	108	
	7½	14.39	55.8	108	4	
249	8½	8 17.12	47 38 30.2	517	64	
250	9	8 18.25	45 17 25.0	524	54	
251	8	8 18.43	61 55 11.1	142	61	
252	9½	8 19.17	42 59 17.2	488	108	
253	8½	4 8 20.81	31 36 6.5	84	84	
	8	20.81	6.5	108	3	
	8½	20.83	8.2	492	106	
	8	20.91	6.5	531	6	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
254	7	4 8 23.49	78 57 59.3	496	9	
255	8	8 23.96	25 50 53.2	504	51	
	7½	24.00	54.3	484	130	
	8	24.07	52.6	521	56	
256	8	8 27.51	69 1 40.8	137	55	
257	9	8 28.37	22 49 5.5	63	103	
258	9	8 30.98	27 59 13.7	105	82	
259	7	8 33.15	44 41 17.3	99	107	
260	8	8 33.98	36 51 50.1	516	138	
261	8½	8 34.28	49 17 49.6	517	65	
262	9½	8 36.25	54 33 43.9	520	62	
	9½	36.27	45.5	522	63	
263	8	8 39.04	44 11 39.8	99	108	
264	8	8 41.69	38 20 6.0	498	34	
265	8½	8 41.71	49 7 58.0	517	66	
266	9	8 44.09	61 5 25.3	142	62	
267	9	8 45.35	41 17 44.4	488	109	
268	8	8 45.78	45 41 12.9	524	56	
	8	45.96	15.0	145	34	
269	8½	8 46.33	45 0 3.7	524	57	
	9	46.34	3.7	99	106	
	8	46.44	3.7	145	33	
270	8	8 46.88	52 44 39.7	520	64	
271	9	8 47.38	40 5 2.4	759	32	
	9½	47.51	0.6	130	102	
272	8½	8 48.63	33 49 18.7	490	109	
	9	48.75	20.1	139	66	
273	9½	8 49.59	58 26 8.8	91	111	
274	8½	8 51.43	78 14 49.8	496	11	
275	8	8 51.92	66 22 14.7	526	50	
	8½	52.11	14.9	89	48	
276	9	8 52.73	38 57 52.1	759	34	
277	8	8 55.06	24 31 21.7	521	57	
278	7	8 55.86	53 43 56.0	520	63	
279	9½	8 56.44	24 0 46.5	521	58	
280	9	9 1.38	39 29 4.1	759	33	
281	9	9 1.77	29 23 31.4	528	60	
282	8½	9 2.67	47 53 7.2	517	67	
283	7	9 5.74	30 25 48.6	492	107	
	7½	5.79	50.3	135	76	
	7	5.84	49.3	531	8	
284	7	9 8.45	32 21 31.5	490	110	
	8	8.52	31.7	108	5	
	7½	8.56	29.9	84	85	
285	9	9 11.68	32 10 41.7	490	111	
	9	12.00	40.1	531	7	
286	9½	9 12.51	31 5 48.8	531	10	
287	6½	9 18.76	40 40 33.7	130	103	
288	9	9 21.30	31 10 43.8	531	9	
289	9	9 22.11	65 39 10.4	89	49	
290	9	9 23.20	37 22 25.9	498	36	
291	8½	9 25.70	41 42 19.2	488	110	
292	10	9 25.94	72 1 19.1	131	85	
293	7	9 26.19	37 20 46.2	498	35	
294	9	9 28.50	65 31 58.9	89	50	
295	8½	9 30.12	59 29 24.4	91	113	
296	9	9 32.26	61 41 56.4	142	64	
297	9	9 33.19	67 38 56.1	137	57	
	9	33.52	55.5	526	48	
298	8½	9 34.67	63 28 52.2	526	51	
	9	34.84	54.6	89	51	
299	9	9 37.13	25 19 30.4	521	59	
300	8½	9 37.70	67 38 47.1	526	49	
	8½	37.79	49.6	137	56	
301	9	9 38.60	71 58 0.8	131	84	
302	9	9 43.61	36 32 30.5	516	140	
303	4	9 51.52	42 36 10.5	488	111	
304	7	9 53.61	38 34 37.7	498	37	
305	8½	4 9 55.01	46 8 17.8	524	58	
	8½	55.42	18.3	145	35	
306	9	4 9 55.36	58 7 30.6	91	112	
307	9½	9 56.02	25 51 32.0	484	131	
	9	56.05	30.5	504	52	
308	9	9 56.50	38 37 59.3	498	38	
309	8	9 56.66	49 26 21.3	518	72	
310	9	9 57.77	35 29 9.4	516	139	
311	8½	9 58.37	46 30 10.4	524	60	
	8½	58.64	8.2	145	37	
312	9	10 0.30	40 8 32.0	759	36	
313	9½	10 0.59	60 59 0.4	142	63	
314	9	10 2.16	54 20 14.0	522	64	
	9	2.16	14.9	520	66	
315	8½	10 5.28	41 7 50.1	488	113	
	9	5.49	47.8	130	104	
316	8	10 8.57	30 23 9.5	135	77	n. pr.
	7½	8.78	9.7	531	11	
	8	8.84	11.2	492	109	
317	9½	10 8.99	30 23 20.8	135	78	s. sq.
	9½	9.03	20.8	492	108	
	9	9.06	20.4	531	12	
318	8½	10 9.77	39 17 8.0	759	35	
319	9½	10 10.50	32 53 4.8	108	7	
320	9	10 11.60	48 25 22.4	517	68	
321	8	10 12.06	29 14 1.4	105	83	
	8	12.37	0.7	112	33	
	8½	12.39	0.4	528	61	
322	8½	10 13.19	29 15 32.8	105	84	
	9	13.26	32.7	528	62	
323	8½	10 14.86	50 54 7.8	518	73	
324	7½	10 15.85	41 12 25.8	488	112	
	7½	15.98	24.4	130	105	
325	9	10 16.85	24 22 19.0	521	60	
326	9½	10 19.20	61 54 41.7	142	65	
327	6½	10 19.50	46 26 38.4	524	59	
	6½	19.60	38.1	145	36	
328	8½	10 21.21	32 6 9.7	490	112	
	8	21.38	9.5	492	110	
	8	21.40	9.6	108	6	
	7½	21.41	8.6	531	13	
329	9	10 23.27	55 48 52.1	522	65	
330	9	10 24.99	45 35 21.7	524	61	
331	7	10 26.62	23 33 6.8	63	104	
332	9½	10 27.87	45 43 2.2	524	62	
333	8½	10 31.98	57 8 45.1	522	66	
334	7½	10 32.89	51 54 33.7	518	74	
	7½	32.91	33.9	520	65	
335	9	10 33.21	28 42 30.1	105	85	
336	9	10 34.00	41 4 12.2	488	114	
	9	34.21	14.0	759	38	
	9	34.25	12.0	130	106	
337	9	10 34.12	34 42 0.0	139	67	
338	9	10 34.42	45 7 34.8	99	109	
	9	34.52	34.4	99	111	
339	8½	10 36.41	49 53 47.8	518	76	
340	8½	10 41.13	24 19 20.5	521	61	
341	7	10 41.13	37 30 37.8	498	40	
342	8½	10 44.41	40 22 12.0	759	37	
343	7	10 46.28	38 36 36.2	498	39	
344	8½	10 48.35	22 52 26.7	63	105	
345	8	10 50.53	36 30 58.3	124	1	
	7½	50.55	60.7	516	141	
346	9½	10 50.69	34 28 5.8	139	68	
347	9½	10 51.63	45 16 21.1	99	110	
348	9	10 57.67	33 17 42.4	490	113	
349	9	10 58.62	25 46 16.7	484	132	
350	9	10 59.84	25 5 56.5	504	53	
351	8	10 59.92	50 44 16.6	518	75	
352	9	11 2.67	29 27 59.7	528	64	
353	8½	4 11 5.72	32 18 4.8	490	114	
	8½	5.98	4.6	108	8	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
354	9	4 11 8.44	76 11 21.3	496	12	
355	8½	11 10.60	64 39 33.7	526	52	
	9	10.91	31.8	89	52	
356	8	11 10.69	23 50 41.7	63	106	
	8	10.70	42.6	521	62	
357	9	11 10.82	57 13 47.1	522	67	
358	7½	11 15.49	58 20 18.1	91	114	
359	8½	11 18.19	32 2 19.4	490	115	
	7½	18.23	18.6	531	14	
360	8½	11 18.33	31 10 33.5	531	15	
	9	18.51	32.4	108	9	
361	9½	11 21.17	40 36 51.7	759	39	
362	8	11 23.69	35 34 29.4	516	142	
363	9	11 24.21	64 34 19.2	89	53	
	9	24.21	18.8	526	53	
364	9½	11 26.28	44 55 31.1	524	63	dpl. III. s.sq.
365	8	11 26.71	66 56 25.0	526	54	
	8½	26.76	25.1	137	58	
366	9½	11 28.02	48 32 21.8	517	69	
367	9	11 28.41	28 43 20.7	528	63	
	9	28.46	22.5	105	86	
368	8	11 30.63	56 29 33.4	522	68	
369	8½	11 33.17	55 1 32.1	522	69	
370	9	11 36.82	67 52 26.7	137	59	
371	9	11 37.60	52 54 6.9	520	68	
372	9½	11 41.61	68 31 42.2	137	60	
373	9	11 44.09	29 35 50.9	135	79	
	9	44.34	51.8	528	65	
374	9½	11 45.96	72 0 35.7	131	86	
375	8½	11 46.22	39 55 51.7	759	40	
	8½	46.40	50.5	130	107	
376	9½	11 47.38	44 59 12.1	524	64	
377	8½	11 49.46	25 7 36.0	504	54	
	8½	49.46	38.5	521	63	
	8½	49.55	36.2	63	107	
378	9	11 51.15	27 54 29.2	105	87	
	9	51.21	30.9	513	1	
379	9	11 53.53	46 16 34.0	524	66	
380	8½	11 54.51	36 48 43.0	516	143	
	9	54.64	42.8	124	2	
381	8½	11 54.85	29 12 9.4	135	80	
	8	54.97	8.6	112	34	
	8	55.05	8.1	528	66	
382	8½	12 0.69	53 19 14.3	520	67	
383	9½	12 1.58	30 23 33.9	135	82	
	8½	1.79	34.6	531	16	
384	8	12 3.32	42 56 16.1	99	112	
	8	3.58	16.0	488	115	
385	9½	12 3.55	30 18 45.0	135	81	
	9	3.64	41.2	531	17	
386	9	12 4.61	36 57 50.1	498	43	
	9½	4.79	49.8	124	3	
	9	4.81	49.2	516	144	
387	8½	12 4.77	58 3 31.4	91	117	
388	7	12 6.41	39 11 34.6	759	41	
	7	6.53	32.4	498	41	
	7½	6.60	34.6	130	109	
389	9	12 10.36	25 37 41.9	504	55	
390	8½	12 12.92	61 57 23.1	142	66	
391	9	12 13.53	71 3 18.9	131	87	
392	9	12 18.62	41 9 47.5	488	116	
	9	18.81	46.0	130	108	
393	9	12 18.70	60 31 17.9	91	115	
394	9½	12 21.55	32 57 28.3	490	116	
	9½	21.76	29.9	108	10	
395	9½	12 22.25	27 58 48.0	528	67	
396	9	12 22.51	48 37 47.7	517	70	
397	8½	4 12 22.88	59 24 7.0	91	118	
	9	23.11	6.3	91	116	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
398	9	4 12 23.23	24 6 21.1	521	64	
399	9	12 24.33	30 45 45.6	531	18	
	9	24.36	46.0	135	83	
400	9½	12 24.52	74 4 36.8	131	88	
401	9	12 26.64	22 50 54.0	63	108	
402	9	12 26 77	55 10 34.8	522	70	
403	9½	12 29.28	37 3 43.6	498	44	
	9½	29.41	41.8	124	4	
	9½	29.50	43.2	516	145	
404	8½	12 39.49	44 43 8.9	99	114	
405	9	12 41.22	45 42 3.2	145	38	
	9	41.26	3.3	524	65	
406	5	12 45.13	51 48 9.3	520	69	
	5	45.21	7.6	518	77	
407	9	12 47.33	44 36 5.3	99	113	dpl. I.
408	9	12 48.41	37 9 30.2	498	42	
	9	48.43	31.8	124	5	
	9	48.43	30.4	516	146	
409	3	12 49.08	62 47 12.2	142	68	
410	8½	12 49.25	24 22 12.1	521	65	
	8	49.28	10.4	63	109	
411	9	12 51.04	76 55 37.2	496	13	
412	9	12 51.50	31 24 36.6	531	19	
413	9	12 51.85	39 9 7.1	498	45	
	8½	51.95	7.3	759	42	
	9	51.96	6.4	130	110	
414	9½	12 52.83	62 17 44.1	142	67	
	9½	52.93	44.5	142	70	
415	8	12 56.08	47 24 15.0	517	71	
416	9	12 56.27	28 45 13.7	528	68	
417	8½	12 57.17	23 3 54.1	82	1	
418	9½	13 3.73	25 34 37.7	504	56	
419	8½	13 6.92	55 57 29.7	522	71	
420	7	13 9.13	34 29 34.0	139	69	
421	3	13 9.84	34 6 14.6	139	70	
	4	9.95	16.6	490	117	
422	6	13 9.90	62 30 19.8	142	69	
423	9	13 12.02	25 48 42.9	484	133	
424	6½	13 16.99	23 16 36.9	82	2	
	6½	17.08	35.0	63	111	
425	8	13 19.00	48 49 27.1	517	72	
426	9½	13 19.48	34 2 48.9	490	118	
427	9	13 20.37	36 23 56.1	124	6	
	8½	20.39	57.4	516	147	
428	9	13 20.71	40 23 9.3	759	43	
429	8½	13 20.80	65 16 31.7	89	55	
430	9	13 25.01	24 46 48.8	521	66	
431	8	13 25.30	51 54 31.4	520	70	
	8	25.40	30.9	518	78	
432	9	13 26.97	31 9 40.7	531	20	
	9½	27.05	43.2	108	11	
433	8½	13 28.36	69 26 0.4	137	61	
434	8½	13 34.99	38 43 55.4	498	46	
435	9½	13 35.09	28 28 48.7	528	70	
436	9	13 36.31	67 3 17.5	526	55	
	8½	36.44	16.3	89	54	
437	9	13 38.26	61 31 16.0	142	71	
438	8	13 38.46	24 27 29.8	63	110	
	8	38.55	30.1	521	67	
439	9	13 44.56	77 22 6.5	496	14	
440	8½	13 44.69	27 2 14.5	105	88	
	9	44.72	13.6	484	134	
	9	44.76	12.4	504	57	
	9	44.78	12.5	112	35	
441	9	13 47.41	39 52 46.5	759	44	
442	8½	13 48.76	67 25 17.0	526	56	
443	8½	13 49.96	41 38 0.2	488	117	
444	9½	4 13 51.79	45 56 47.7	524	67	
	9½	51.98	50.0	145	39	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
445	9	4 13 52.86	38 29 2.6	498	48	
446	8	13 53.04	38 24 49.8	498	47	
447	7	13 53.55	70 44 1.5	137	62	
448	9½	13 56.19	36 49 3.5	124	7	
449	9	14 1.18	27 17 29.5	105	89	
	9	1.40	28.4	513	3	
450	9	14 2.85	39 11 56.8	759	45	
	9	2.94	54.3	130	111	
451	9½	14 4.14	53 18 28.2	520	71	
452	9	14 5.43	59 31 47.4	91	119	
453	8	14 5.72	34 25 32.4	139	71	
454	8	14 9.80	45 57 26.8	524	68	
	7½	10.05	27.6	145	40	
455	9½	14 9.98	28 17 17.4	528	69	
456	8½	14 10.45	27 34 30.0	484	135	
	8½	10.48	30.2	105	90	
	8½	10.56	29.0	513	2	
	8½	10.60	31.5	112	36	
457	10	14 11.04	43 23 28.5	99	115	
458	8	14 12.50	31 37 57.9	108	12	
	7½	12.54	57.8	531	21	
459	9	14 14.73	24 34 25.0	82	3	
460	8½	14 15.96	53 49 43.2	520	72	
461	5	14 19.78	59 36 11.2	94	1	
	5	19.82	10.2	91	120	
462	6½	14 20.46	34 12 27.4	139	72	n. pr.
	6½	20.48	24.9	490	119	
463	9	14 20.68	34 12 34.1	490	120	s. sq.
	9	20.69	35.0	139	73	
464	9	14 21.12	70 49 6.4	137	63	
	9	21.48	2.2	131	89	
465	9½	14 23.12	27 38 38.1	105	91	
466	8	14 23.34	26 15 38.6	484	136	
	8½	23.58	38.6	504	58	
	8	23.60	40.2	513	4	
467	9½	14 23.42	38 11 35.1	498	49	
468	8½	14 25.34	48 42 2.7	517	73	
469	9	14 27.36	25 11 24.8	504	60	
	9	27.40	26.7	521	69	
470	6	14 28.08	61 15 21.9	142	72	
471	7½	14 28.78	25 19 34.9	504	59	
	7	28.94	36.8	521	68	
472	9	14 29.03	31 52 47.2	531	22	
	9	29.04	47.8	108	13	
473	8½	14 29.51	23 6 44.6	63	112	
474	9½	14 30.97	28 49 57.6	135	84	
475	8	14 32.74	29 5 23.3	135	85	
	7½	32.87	24.1	105	92	
	8	32.92	23.6	112	37	
	8	32.95	25.0	528	71	
476	7½	14 34.95	22 59 14.5	63	113	
477	9	14 35.80	43 28 40.6	99	116	
478	10	14 42.39	70 54 2.8	131	90	
479	9	14 45.06	69 51 5.3	137	64	
480	9½	14 45.14	37 51 55.9	498	50	
481	9½	14 49.44	39 11 25.8	759	46	
482	7½	14 49.62	73 7 54.6	131	91	
483	9	14 51.48	24 33 31.1	82	4	
484	9	14 51.48	43 55 31.3	99	117	
485	8½	14 55.38	42 3 3.8	488	118	
486	9½	14 58.82	46 57 7.3	524	69	
487	9½	14 59.56	30 42 22.4	531	23	
488	9½	15 4.52	69 2 35.8	137	66	
489	8	15 5.81	48 53 37.4	517	74	
490	8½	15 6.29	66 31 31.1	526	57	
	9	6.58	31.8	89	56	
491	9	4 15 9.81	24 56 39.7	82	5	
	9	9.81	38.6	504	61	
	8½	9.87	40.0	63	114	
	9	9.93	39.6	521	70	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
492	9½	4 15 13.26	61 10 53.8	142	73	
493	9	15 13.64	42 15 31.8	488	119	
494	8½	15 16.53	57 36 44.5	91	121	
	8	16.59	43.7	94	2	
	7½	16.66	42.9	522	72	
495	5½	15 19.53	44 34 6.2	99	118	
496	8	15 20.88	56 29 22.7	522	73	
497	9½	15 25.28	54 22 38.6	522	75	
	9½	25.45	36.1	520	73	
498	8½	15 25.53	44 34 33.3	99	119	
499	9	15 26.55	50 8 26.4	518	79	
500	8½	15 26.55	36 56 23.8	498	51	
	9	26.62	23.2	124	8	
501	7½	15 28.67	47 52 10.3	517	75	
502	8½	15 29.21	64 37 15.2	89	57	
503	9½	15 29.64	33 18 21.1	490	121	
504	8½	15 30.63	25 1 33.1	82	6	
	8½	30.68	34.0	521	71	
	8½	30.72	33.4	504	62	
	8	30.75	32.2	63	115	
505	9½	15 34.20	42 7 59.9	488	121	
506	9½	15 37.55	39 6 12.1	759	47	
507	8	15 38.00	42 15 25.1	488	120	
508	9	15 40.01	58 52 19.9	91	122	
509	9	15 40.07	53 45 47.8	520	76	
510	8	15 41.20	43 46 51.4	99	120	
511	9	15 47.83	26 47 19.7	513	5	
	8½	47.87	18.6	105	93	
	9	47.87	18.4	504	63	
	8½	48.03	18.2	112	38	
512	8½	15 47.99	66 12 58.6	89	58	
	8	48.11	57.6	526	58	
513	8	15 50.37	53 50 58.1	520	75	
514	7	15 53.74	54 26 15.0	520	74	
	7	53.75	16.9	522	74	
515	9	15 54.04	63 23 45.0	142	75	
516	9½	15 54.24	26 47 29.5	504	64	
	9	54.25	29.6	105	94	
	9	54.37	31.7	112	39	
517	9½	15 56.59	38 43 28.8	498	52	
518	9½	15 57.19	35 23 6.8	124	9	
519	8½	15 58.10	53 14 45.4	520	77	
520	8	15 59.26	65 56 1.5	526	59	
	9	59.42	0.2	89	61	
521	9½	15 59.34	73 46 8.0	131	93	
522	9	16 3.18	38 38 10.6	498	53	
523	8	16 12.15	66 59 5.5	89	59	
524	8	16 12.65	33 10 25.1	490	122	
	8	12.86	26.3	108	14	
	8	12.93	26.3	139	74	
525	8½	16 15.00	58 43 6.0	91	123	
526	8½	16 15.42	35 1 43.2	124	10	
	8½	15.50	42.6	139	77	
527	9	16 16.13	31 29 22.9	531	24	
	9	16.22	23.5	108	15	
528	7	16 16.80	63 33 31.0	142	74	dpl. II. s.
529	9	16 17.17	24 35 28.9	82	7	
530	6	16 20.03	26 1 24.8	521	73	
	6	20.07	24.8	504	65	
	6½	20.15	25.0	513	7	
531	8½	16 21.58	51 15 28.1	518	80	
532	8½	16 22.08	26 0 51.7	504	66	
	8½	22.28	51.7	513	6	
	8	22.34	49.5	521	72	
533	8½	16 27.82	79 19 50.3	496	15	
534	9	16 29.02	72 45 16.3	131	94	
535	9	4 16 30.79	29 12 57.8	105	95	
	9	30.80	59.8	135	86	
	9	30.90	58.8	135	87	
	9	31.01	57.1	528	72	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
536	9½	4 16 32.54	45 52 41.2	524	70	
537	8½	16 32.58	69 5 25.5	137	65	
538	9½	16 35.85	29 51 9.1	531	25	
539	9	16 36.41	34 7 52.4	490	123	
	9½	36.40	52.8	139	75	
540	9	16 37.81	73 57 5.6	131	92	
541	8½	16 39.96	55 11 25.8	522	76	
542	9	16 39.96	34 13 10.7	490	124	
	9½	40.15	11.4	139	76	
543	8	16 43.77	37 49 53.6	498	54	
544	9	16 45.38	79 39 23.0	496	16	
545	10	16 46.60	32 13 14.5	108	17	
546	10	16 47.50	33 16 56.2	490	125	
547	8	16 52.90	53 15 21.2	520	78	
548	8	16 55.22	66 0 41.2	526	60	
	9	55.32	39.2	89	60	
549	9	16 56.62	45 33 22.6	145	41	
550	8	16 57.26	59 2 46.8	94	3	
	8½	57.44	47.2	91	124	
551	9	16 57.73	43 7 10.5	488	122	
	9	57.84	11.7	99	121	
552	8½	17 3.03	23 8 59.8	82	8	
553	8½	17 8.39	47 32 56.3	517	76	
554	9½	17 8.83	45 57 40.8	524	71	
555	8½	17 9.42	65 16 22.7	526	61	
556	9½	17 10.46	32 11 52.5	108	16	
557	9	17 14.12	26 12 12.1	513	8	
558	9	17 17.62	68 0 16.2	137	67	
559	9	17 19.14	29 39 29.3	528	73	
560	8½	17 19.32	54 59 23.6	522	77	
561	7	17 19.56	38 4 30.9	498	55	
562	7½	17 23.04	45 20 25.6	145	42	
563	9	17 24.17	35 11 33.7	139	78	
	8	24.26	35.3	124	11	
564	7½	17 33.56	49 6 28.2	517	77	
565	8½	17 35.63	62 44 32.8	142	76	
566	8½	17 36.12	42 53 35.6	488	123	
	9	36.26	36.0	99	122	
567	8	17 39.61	51 20 25.0	518	81	
568	9½	17 40.71	47 8 30.6	524	73	
569	9½	17 41.63	45 55 9.2	524	72	
570	8	17 43.14	43 5 6.2	488	124	
	7½	43.28	7.6	99	123	
571	8	17 43.22	41 30 42.7	488	126	
572	9½	17 44.45	32 22 42.7	490	126	
573	8½	17 44.46	31 21 46.2	531	26	
574	9½	17 45.10	32 21 15.7	490	127	
575	9½	17 47.70	67 32 38.2	137	68	
576	9	17 48.89	28 9 32.0	105	96	
577	6	17 52.22	25 11 2.5	504	67	
	6	52.36	2.7	521	74	
578	9	17 57.19	30 2 54.3	135	89	
	8½	57.35	53.0	531	27	
	8½	57.45	52.6	528	74	
579	9½	17 58.22	53 14 30.6	520	79	
580	9	17 58.40	42 3 34.1	488	125	
581	9	18 4.39	62 34 25.1	142	77	
582	8½	18 4.40	28 31 44.5	112	40	
583	9½	18 5.15	30 1 56.2	135	88	
584	8	18 7.27	76 6 46.7	496	17	
585	8	18 8.08	25 40 39.6	504	68	
	8	8.16	39.0	521	75	
586	9½	18 9.45	61 18 11.8	142	78	
587	8	18 12.43	72 17 59.0	131	95	
588	9	18 16.50	35 7 11.8	139	79	
589	8½	18 18.12	36 4 54.4	124	12	
590	8½	4 18 18.46	41 4 31.7	115	1	
	9	18.57	32.9	759	48	
	9½	18.66	31.8	130	112	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
591	9½	4 18 22.93	32 29 48.0	490	129	
	9	23.10	47.2	108	18	
592	9	18 23.04	23 16 2.1	82	9	
593	8	18 24.60	27 56 52.9	105	97	
	8½	24.71	54.4	112	42	
594	8½	18 24.81	44 6 1.1	99	124	
595	9	18 26.75	37 33 11.9	498	56	
596	9	18 27.41	50 17 55.5	518	82	
597	9	18 28.65	35 45 10.2	124	13	
598	7	18 29.66	32 26 36.7	490	128	
	7	29.83	36.5	108	19	
599	9	18 30.03	65 24 13.3	89	63	
	9	30.08	13.7	526	63	
600	7	18 32.77	35 50 12.2	124	14	
601	9½	18 32.89	26 13 51.6	513	9	p
602	8½	18 33.23	66 15 48.7	89	62	
	8½	33.35	48.6	526	64	
603	9½	18 34.34	67 35 2.1	137	69	
604	8	18 36.87	28 7 15.0	105	98	
	8	36.90	16.0	112	41	
	8	37.00	17.0	528	76	
605	9	18 37.69	24 1 41.6	521	76	
	8½	37.70	41.6	82	10	
606	9½	18 38.91	52 6 44.7	520	80	
	9½	39.06	42.9	518	83	
607	8½	18 43.06	29 3 4.6	105	99	
	9	43.14	6.9	135	90	
	9	43.30	4.9	528	75	
608	9½	18 52.03	45 44 3.4	145	44	
	9½	52.23	0.5	524	74	
609	8½	18 52.89	59 27 28.3	94	4	
	8	53.13	29.5	91	125	
610	8	18 55.69	63 28 9.6	89	64	
	8	55.69	7.3	526	62	
611	9	18 55.90	38 58 3.9	498	57	
	9½	56.06	3.1	759	49	
612	9	18 58.62	72 16 33.2	131	96	
613	8½	18 58.74	45 46 36.6	524	75	
	8	58.80	37.4	145	43	
614	9	19 9.99	40 6 7.2	115	2	
615	8½	19 11.49	41 32 21.6	488	127	
616	9½	19 13.89	39 9 23.2	759	50	
617	8½	19 14.46	31 8 13.2	531	28	
	9	14.48	13.1	108	20	
618	9½	19 14.70	68 37 22.2	137	71	
619	9½	19 14.75	32 21 58.9	490	132	
	9½	14.80	57.1	108	21	
620	8½	19 15.96	35 2 2.5	139	80	
	9	16.05	4.1	124	15	
621	4	19 20.51	34 18 29.1	139	81	
622	9	19 21.60	32 18 22.3	108	23	
	9	21.70	21.4	490	130	
623	8½	19 21.86	40 41 7.8	115	3	
	8½	22.10	6.5	130	113	
624	9	19 22.96	32 23 40.4	108	22	
	9	23.02	41.9	490	133	
625	8½	19 23.07	39 25 45.7	759	51	
626	9	19 32.88	29 30 10.9	135	91	
	8½	32.96	10.0	528	77	
627	8½	19 33.30	75 38 43.2	496	18	
628	9½	19 35.02	32 19 30.6	108	24	
	9½	35.06	29.6	490	131	
629	9½	19 36.46	57 16 30.0	522	79	
630	9	19 37.46	40 33 54.7	130	114	
631	10	19 38.95	61 11 5.9	142	80	
632	9	4 19 42.11	29 7 28.8	105	100	
	9½	42.19	30.5	135	92	
	9	42.37	29.6	528	78	
	9	42.53	28.5	112	43	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
633	9	4 19 42.82	42 16 17.8	488	128	
634	8½	19 42.83	60 37 18.5	94	5	
	8½	42.85	18.7	91	126	
	9	42.96	16.9	142	79	
635	9	19 45.06	26 45 17.1	504	69	
	9	45.18	18.3	513	10	
636	8	19 45.36	43 44 39.9	99	126	
637	8½	19 47.83	43 17 28.4	99	125	
638	9	19 48.02	45 51 58.0	524	76	
	9	48.10	58.9	145	45	
639	8½	19 48.06	35 34 7.0	124	16	
640	8½	19 49.16	55 23 17.8	522	78	
641	8	19 49.98	28 29 45.5	112	44	
642	9	19 50.88	60 7 6.0	91	127	
643	7	19 57.23	40 20 29.9	759	52	
	7½	57.24	30.4	115	5	
	7½	57.58	27.9	130	115	
644	9½	20 1.71	62 24 48.7	142	81	
645	10	20 2.76	47 10 11.8	517	78	
646	8	20 7.30	68 59 42.2	137	73	
647	9	20 7.87	29 42 8.6	135	94	
648	9	20 8.78	68 22 2.0	137	70	
649	9	20 10.02	51 18 57.5	518	84	
650	8½	20 10.82	41 6 56.2	115	4	
	8½	11.04	54.3	488	129	
	8½	11.13	59.3	759	53	
651	9	20 11.87	29 11 22.8	135	93	
	8½	12.06	20.2	105	101	
	9	12.20	20.9	528	79	
652	8½	20 12.48	37 53 59.1	498	58	
653	9½	20 13.40	35 34 39.2	124	17	
654	9½	20 13.66	37 6 23.7	498	59	
655	8	20 15.46	66 32 0.2	526	65	
656	9	20 16.75	63 54 54.5	89	66	
657	6½	20 18.70	35 2 28.3	124	18	
	6½	18.76	25.0	139	82	
658	8½	20 21.38	33 0 33.0	490	134	
	9	21.44	33.3	139	83	
	8½	21.55	33.2	108	25	
659	9	20 25.95	40 31 31.6	130	116	
660	9½	20 28.60	28 6 25.6	513	11	
661	9½	20 28.87	46 16 26.2	524	77	
662	8½	20 28.92	38 37 22.0	498	60	
663	9	20 30.34	28 10 31.4	513	12	
664	8	20 32.43	28 46 9.4	105	102	
	8½	32.51	11.7	112	45	
	8½	32.54	9.9	528	81	
665	6	20 32.54	63 40 59.6	142	83	
	6	32.73	59.5	526	68	
	6	32.74	57.8	89	65	
666	7½	20 33.96	46 55 54.1	524	78	
	7	34.17	54.8	517	79	
	7½	34.21	54.0	145	46	
667	8	20 34.47	44 18 28.9	99	127	
668	9	20 36.54	22 57 10.3	82	11	
669	9½	20 36.58	49 54 33.4	518	85	
670	9	20 38.89	47 3 16.2	524	79	
	9	38.97	15.3	517	80	
671	9	20 42.42	67 27 21.3	526	66	
672	9½	20 47.77	23 24 1.8	82	12	
673	8½	20 48.61	29 2 15.0	105	103	
	9	48.78	14.0	528	80	
	9	48.87	13.9	112	46	
674	8	20 49.15	35 57 31.5	124	21	
675	9½	20 52.02	35 8 55.7	139	85	
	9½	52.06	55.8	124	19	
676	9½	20 52.79	68 23 38.0	137	72	
677	8½	4 20 54.29	35 7 53.0	139	86	
	8½	54.31	52.0	124	20	
678	9½	4 21 0.87	23 18 42.1	82	14	
679	8	21 1.40	45 0 54.2	117	1	
	8½	1.42	54.4	99	128	
	9	1.47	56.0	145	47	
680	9½	21 3.38	32 34 13.9	490	136	
	9	3.54	13.6	108	26	
681	9	21 5.96	33 14 27.3	139	84	
	9	6.14	26.1	490	135	
682	9½	21 8.26	28 1 53.2	105	104	
683	8	21 13.43	23 25 6.8	82	13	
684	8½	21 13.63	26 33 56.9	504	70	
685	8	21 17.43	30 36 55.1	135	95	
	8	17.58	54.8	531	29	
686	9	21 19.45	31 11 0.3	531	32	
687	9½	21 20.68	62 48 34.4	142	84	
	9	20.70	33.8	142	82	
688	9½	21 20.75	30 37 38.4	135	96	
	9½	20.84	37.8	531	30	
689	6½	21 23.43	44 26 53.0	117	2	
	6½	23.57	52.8	99	130	
690	8	21 23.74	40 7 17.6	115	6	
	8	23.75	16.5	759	54	
	8½	23.95	14.7	130	117	
691	9	21 25.40	43 57 35.6	99	131	
692	9	21 31.19	35 19 24.6	124	23	
693	8½	21 32.99	27 32 52.3	105	105	
	8½	33.09	52.3	112	47	
	8½	33.10	51.2	513	13	
694	8½	21 33.16	23 14 23.8	82	15	
695	9½	21 33.37	34 59 12.8	139	87	
	9½	33.48	10.9	124	22	
696	8	21 34.12	50 54 7.7	518	86	
697	9	21 36.42	28 57 14.5	528	82	
698	9	21 38.88	29 13 54.3	112	48	
699	9½	21 39.31	38 56 23.4	498	62	
700	9	21 39.61	41 6 9.6	115	7	
	9½	39.85	9.6	759	55	
	9½	39.92	9.9	488	130	
701	7½	21 40.56	57 32 22.9	91	128	
	7½	40.75	22.5	94	6	
	7	40.79	21.3	522	80	
702	7½	21 41.22	56 7 13.7	522	83	
703	6½	21 41.64	24 21 46.7	521	77	
704	9½	21 42.07	72 17 33.1	131	97	
705	8½	21 43.44	31 10 28.6	531	31	
	9	43.68	30.6	108	28	
706	7	21 44.97	33 5 59.2	490	137	
	7	44.98	57.5	139	88	
	7	44.99	56.1	530	1	
	7	45.00	57.2	108	27	
707	7½	21 45.34	57 21 20.2	522	82	s.pr.
	8	45.40	22.4	94	7	
708	7	21 46.12	57 21 17.6	94	8	n.sq.
	7	46.17	15.6	522	81	
709	8½	21 47.91	51 11 27.5	518	87	
710	9½	21 49.16	26 46 26.4	513	14	
711	9	21 51.90	66 1 12.5	526	67	
	9	52.11	11.3	89	67	
712	9	21 53.24	25 17 28.6	504	71	
713	8½	21 53.46	30 16 58.9	135	97	
714	8	21 53.86	69 54 21.5	137	74	
715	9½	21 54.09	29 37 0.5	135	98	
716	7½	21 54.78	45 8 15.1	99	129	
	8	54.80	17.0	524	80	
	7½	54.88	16.1	117	3	
	8	54.90	16.2	145	48	
717	9	21 58.43	48 9 11.4	517	81	
718	9½	21 59.04	23 49 53.1	82	16	
719	8½	4 22 0.61	38 52 7.2	498	61	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
720	8½	4 22 1.20	28 57 11.2	105	106	
	9	1.34	10.2	112	49	
	9	1.49	11.4	528	83	
721	9½	22 3.08	51 45 15.1	518	88	
722	10	22 6.20	77 27 58.6	496	19	
723	9½	22 7.58	29 37 14.0	135	99	
724	9	22 12.59	70 9 36.4	137	75	
725	9½	22 15.08	41 0 44.5	759	56	
	9½	15.21	45.6	115	8	
726	8	22 16.19	52 13 9.0	520	81	
727	8	22 18.13	24 44 7.8	521	78	
728	9½	22 18.53	45 33 59.3	524	81	
729	9½	22 18.71	29 28 27.3	135	101	
	9	18.92	25.5	528	85	
730	9½	22 19.90	51 47 35.2	518	90	
731	7	22 24.69	40 48 42.4	74	1	dpl. I. n.
	7	24.80	41.6	759	57	
	7	24.85	42.5	115	10	
	7	24.87	41.1	488	131	
	7½	25.09	40.5	130	118	
732	9	22 25.80	31 18 26.1	108	29	
	8½	25.85	26.8	531	33	
733	8	22 27.83	29 28 52.1	135	100	
	8	28.14	51.8	528	84	
734	9	22 28.50	50 30 33.7	518	91	
735	7	22 29.46	53 23 43.7	520	82	
736	8	22 30.46	30 14 27.5	531	34	
737	8½	22 31.47	33 3 13.0	139	89	
	8	31.48	10.6	530	2	
	9	31.49	13.7	490	139	
738	9½	22 33.81	24 15 16.4	521	79	
739	9	22 34.83	40 55 5.7	115	9	
740	9	22 34.96	63 35 5.6	526	69	
741	9½	22 35.11	33 3 46.0	490	138	
	9½	35.22	45.3	530	3	
742	8½	22 35.37	66 8 33.3	89	68	
743	9½	22 36.63	60 56 43.3	142	85	
744	8½	22 39.10	76 0 37.2	496	21	
745	9	22 44.15	51 58 2.1	518	89	
746	9	22 47.81	22 59 34.4	82	18	
747	9	22 49.52	45 19 12.7	524	82	
	9	49.74	10.5	99	133	
748	9½	22 53.88	42 49 18.5	488	133	
749	7½	22 53.91	32 41 18.8	490	140	
	7	53.98	18.8	530	5	
750	9	22 54.16	26 16 18.1	504	72	
	9	54.17	19.2	513	15	
751	7½	22 55.20	23 2 50.2	82	17	
752	9	22 55.33	33 26 29.0	139	90	
753	8½	22 56.46	23 22 52.2	82	19	
754	9	22 57.40	29 29 34.1	135	102	
	9	57.65	33.1	528	86	
755	9	22 59.26	58 1 46.4	91	129	
756	9	23 0.31	37 3 3.2	498	63	
	9½	0.43	2.6	124	25	
	9½	0.46	1.5	124	24	
757	9½	23 1.79	31 1 28.1	108	30	
758	8	23 5.23	26 56 36.3	504	73	
	8	5.30	36.4	105	107	
	8	5.39	36.8	513	17	
	8	5.45	36.9	112	50	
759	8	23 5.31	42 55 32.0	74	2	
	9	5.48	31.1	488	132	
	8	5.54	31.6	99	134	
	9	5.69	31.4	99	132	
760	9½	23 5.88	33 46 29.9	139	91	
761	8½	23 6.51	64 28 23.8	526	70	
762	8½	23 7.19	64 33 7.0	526	71	
763	8	4 23 8.06	40 28 41.7	115	12	
	8	8.19	40.1	759	59	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
764	9	4 23 10.80	44 45 59.4	117	4	
765	9	23 11.04	32 30 14.8	490	141	
	9	11.23	18.2	108	32	
766	9	23 11.23	33 7 23.3	530	4	
767	9½	23 13.09	24 9 28.8	521	80	
768	9½	23 19.46	36 55 37.4	124	26	
769	7½	23 19.93	40 45 8.8	115	11	
	7½	20.02	8.2	759	58	
	7½	20.20	7.6	130	119	
770	10	23 20.71	33 41 36.4	139	92	
771	6½	23 21.44	61 31 18.3	142	87	
772	9	23 25.50	77 20 55.1	496	23	
773	6½	23 25.65	47 13 3.5	524	83	
	6½	25.67	1.3	517	82	
	6½	25.73	2.5	145	49	
774	7	23 28.46	67 1 22.9	526	74	
	7½	28.48	21.5	89	69	
775	8½	23 29.28	26 34 13.6	504	74	
	8½	29.36	14.5	513	16	
776	9	23 31.33	72 2 18.2	121	1	
777	8½	23 32.17	31 43 55.8	108	31	
778	9	23 32.19	61 54 27.4	142	88	
779	9	23 32.40	54 31 57.7	522	84	
	9	32.61	55.9	520	83	
780	9½	23 38.66	30 31 26.7	135	104	
	9½	38.83	24.7	531	35	
781	8½	23 38.82	30 2 3.4	135	103	
	8	38.94	5.0	531	36	
	8	38.95	4.0	528	87	
782	8	23 39.93	43 37 37.2	117	5	
783	9½	23 42.31	25 28 10.0	504	76	n. pr.
784	8	23 42.46	25 28 17.2	504	75	s. sq.
	8	42.51	16.5	521	81	
785	8½	23 44.59	53 59 9.0	520	84	
786	9	23 46.03	61 2 47.7	142	86	
787	10	23 47.07	72 39 19.4	131	98	
788	8½	23 47.28	39 42 16.8	759	60	
789	9	23 49.19	37 56 30.9	498	64	
790	8	23 50.51	32 44 35.6	108	33	
	8½	50.56	35.2	530	6	
791	8½	23 53.55	55 29 22.1	522	85	
792	8	23 55.01	39 5 42.2	115	14	
	8	55.10	41.7	759	61	
	8	55.14	40.7	130	120	
793	9½	23 55.50	48 47 38.1	517	83	
794	9	23 58.04	75 41 10.6	496	20	
795	9	23 58.34	38 0 11.0	498	65	
796	9	23 59.45	33 41 47.0	139	93	
797	9	24 0.22	43 22 44.8	117	6	
798	8	24 0.31	43 1 54.2	74	3	
	8½	0.49	52.0	488	134	
	7½	0.61	53.7	117	7	
	8	0.62	51.2	99	135	
799	9	24 1.55	42 24 17.5	488	137	
800	8	24 1.89	37 53 7.3	498	66	
801	9	24 2.25	56 43 30.8	522	86	
802	8	24 2.69	64 22 21.6	526	72	
803	7	24 3.79	42 14 13.2	74	5	
	7	3.95	12.9	488	136	
804	9	24 12.97	49 16 6.6	517	84	
805	8½	24 14.19	40 11 43.3	115	13	
806	9	24 14.38	38 1 3.3	498	67	
807	9	24 14.81	27 16 45.1	105	108	
	8½	14.82	47.1	513	18	
	8½	14.85	46.3	112	51	
808	8½	4 24 15.63	43 2 20.4	74	4	
	9	15.67	19.3	488	135	
	8½	15.75	20.4	117	8	
	9	15.80	19.9	99	136	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
809	9	4 24 16.13	45 46 59.3	524	84	
	9	16.19	59.7	145	50	
810	8½	24 18.10	23 19 35.5	82	20	
811	8½	24 23.53	51 34 22.6	518	92	
812	7	24 24.50	26 33 8.9	513	19	
813	9	24 24.92	32 24 27.5	530	7	
814	9	24 26.13	65 50 29.3	89	72	
815	8	24 27.17	53 40 57.7	520	85	
816	9½	24 29.55	38 29 14.3	498	69	
817	8½	24 33.26	28 39 34.5	528	90	
	8½	33.34	34.7	112	52	
	8	33.34	35.6	105	109	
	8½	33.52	34.0	528	88	
818	9½	24 33.33	62 27 17.8	142	89	
819	9	24 37.58	38 25 5.1	498	68	
820	9	24 38.40	32 37 49.4	108	34	
821	9½	24 43.27	33 51 1.9	530	8	
822	8	24 45.29	29 18 11.3	135	107	
	8	45.50	8.4	528	89	
823	8	24 46.98	66 5 28.4	526	73	
	8	47.05	28.5	89	70	
	8½	47.19	28.7	89	74	
824	9½	24 48.90	42 17 3.3	488	140	
825	8	24 49.24	63 1 58.1	142	91	
826	8½	24 49.56	23 48 3.6	521	82	
827	8½	24 52.80	28 42 25.8	112	53	
	9	52.85	25.7	105	110	
	9	52.88	25.0	528	91	
828	9½	24 52.91	35 33 42.0	124	27	
829	9	24 53.19	25 21 52.4	504	77	
	9	53.22	51.9	521	83	
830	9½	24 54.04	56 11 1.2	522	87	dpl. III.
831	9	24 55.80	76 0 51.9	496	22	
832	7½	24 57.62	38 57 23.8	115	15	
	8	57.71	22.9	498	70	
	8	57.85	23.6	759	62	
833	7½	24 58.54	29 9 12.3	135	106	
	7½	58.63	12.5	112	54	
	7½	58.64	12.3	105	111	
	8	58.69	10.0	528	92	
834	9½	25 2.66	36 50 7.7	124	29	
835	8½	25 6.09	23 46 0.7	82	24	
836	9	25 9.39	30 32 28.8	135	105	
	8½	9.53	30.1	531	37	
837	10	25 10.13	36 34 34.8	124	28	
838	9	25 10.46	23 23 49.5	82	21	
839	8	25 11.88	42 28 24.2	74	6	
	7½	12.03	23.9	488	139	
840	9½	25 12.30	47 7 42.1	524	85	
841	9½	25 14.75	28 1 37.4	528	93	
842	7	25 15.44	23 17 47.5	82	22	
843	9	25 15.77	33 49 5.5	139	94	
	9½	15.80	4.9	530	9	
844	8½	25 17.36	42 27 56.0	74	7	
	9	17.94	51.7	488	138	
845	7½	25 19.05	39 21 48.1	115	16	
	7½	19.08	46.6	759	63	
846	8	25 24.00	42 49 20.3	99	137	
847	8	25 26.83	46 48 25.9	145	51	
	8	27.04	25.8	524	86	
848	7½	25 28.95	30 42 61.5	135	108	
	7½	29.08	58.9	531	38	
849	8	25 29.92	54 18 37.3	520	86	
850	8	25 30.86	39 41 21.4	115	17	
	8	31.01	22.1	759	64	
851	8½	25 31.28	23 40 44.1	82	23	
852	8½	25 31.42	49 52 28.5	518	93	n. pr.
853	8½	25 31.31	69 40 8.4	137	76	
	8½	31.62	9.8	137	77	
854	9	4 25 31.83	49 52 30.6	518	94	s. sq.
855	9½	4 25 32.20	33 5 59.7	108	36	
	10	32.39	58.9	139	95	
856	9	25 33.18	33 19 41.0	530	10	
857	9	25 35.37	43 5 10.7	117	9	
	9½	35.40	10.5	99	138	
858	8	25 37.69	65 55 40.6	526	75	
	8	37.71	40.5	89	73	
859	6½	25 38.17	46 47 23.9	524	87	
	6	38.23	22.6	145	52	
860	9½	25 38.19	39 3 18.4	498	71	
861	9	25 40.57	29 33 49.2	135	109	
862	7	25 42.66	63 4 34.1	142	90	
863	9	25 44.11	32 36 11.0	108	35	
	8½	44.24	9.4	530	11	
864	9½	25 44.59	65 51 34.3	526	76	
	9	44.74	33.0	89	71	
865	9	25 46.03	26 1 25.3	504	79	
	8½	46.16	27.4	521	85	
	8	46.20	26.0	513	20	
866	8	25 47.53	25 14 60.0	504	80	
	8½	47.61	60.8	504	78	
	8	47.63	59.5	521	84	
867	9	25 47.79	40 39 38.8	759	66	
868	8½	25 49.23	37 16 59.5	498	74	
869	7½	25 54.23	39 15 46.2	115	18	
	7½	54.29	46.2	759	65	
870	7	25 56.07	38 32 44.0	498	72	
871	8½	25 56.09	26 16 34.8	513	21	
872	8½	25 56.14	42 24 14.6	74	8	
	9½	56.19	13.0	488	141	
873	9½	25 56.62	45 21 26.5	524	88	
	9½	56.68	25.5	145	53	
874	9	25 57.12	51 24 39.7	518	95	
875	9	26 0.97	42 8 2.1	488	142	
876	6½	26 7.36	35 55 30.9	124	32	
877	8½	26 8.45	43 50 16.9	117	12	
878	7½	26 8.75	41 55 50.8	74	9	
	7½	8.89	49.6	488	143	
879	8½	26 10.52	48 38 42.5	517	85	
880	9½	26 11.71	37 0 10.2	124	30	
	9	11.81	11.6	498	75	
881	8½	26 12.20	28 6 54.2	105	113	
	8½	12.30	57.0	513	22	
	8½	12.37	55.2	528	94	
882	5½	26 19.05	62 47 42.5	142	92	
883	8½	26 19.16	40 29 10.2	115	21	
884	7½	26 21.68	29 9 5.2	112	55	
	7½	21.91	3.3	105	112	
	7½	21.97	5.3	528	96	
885	8	26 22.15	70 16 16.7	137	78	
886	8	26 23.40	40 40 1.7	115	20	
	8	23.44	4.6	759	67	
887	9	26 24.22	29 41 55.7	135	110	
888	8½	26 24.64	54 40 50.4	520	87	
889	7½	26 25.35	37 8 45.9	498	73	
	7½	25.48	44.5	124	31	
890	9	26 26.13	25 6 38.4	504	81	
891	9½	26 26.31	45 21 59.5	524	89	
	9½	26.40	56.4	145	54	
892	7½	26 27.96	43 29 1.7	99	139	
	7½	27.97	2.2	117	10	
893	9½	26 29.33	62 28 25.8	142	93	
894	8	26 31.41	62 0 44.3	142	94	
895	7½	26 31.67	43 40 54.0	117	11	
	7½	31.84	55.0	99	140	
896	8	26 33.19	30 2 43.0	331	39	
	8	33.20	43.6	528	95	
897	8½	4 26 33.27	41 44 49.2	74	11	
	8	33.39	48.5	488	144	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
898	8	4 26 33.65	24 22 45.8	82	25	
	8	33.78	44.4	521	88	
899	9	26 38.15	24 50 7.7	521	87	
900	8½	26 40.03	39 27 8.4	115	19	
901	8	26 40.89	48 14 59.4	517	86	
902	8	26 42.11	31 57 46.0	108	39	
	8½	42.23	44.9	531	40	
	8½	42.25	44.2	530	14	
903	8	26 42.55	36 2 34.5	124	33	
904	9½	26 43.77	25 1 47.4	82	26	
	8½	43.79	46.5	504	82	
	9½	43.97	46.5	521	86	
905	7	26 44.13	41 26 34.8	74	10	
	7	44.46	34.2	488	145	
906	8	26 45.48	32 47 15.2	108	38	
	7	45.48	13.0	530	12	
907	8½	26 45.74	37 51 1.7	498	76	
908	7½	26 47.31	31 47 3.1	108	40	
	7	47.31	1.5	531	41	
	7½	47.48	—	530	15	
909	9	26 47.64	32 40 17.5	530	13	
	9	47.80	18.5	108	37	
910	9	26 48.58	40 7 50.5	759	68	
911	8	26 51.06	53 15 15.4	520	88	
912	8½	26 53.62	57 27 32.7	94	9	
913	9½	26 54.81	43 28 10.6	99	141	
915	9½	26 56.98	34 2 59.0	139	96	
916	8½	26 59.24	31 11 0.1	531	42	
917	6	27 0.59	45 13 22.5	145	55	
	5	0.62	22.3	524	90	
918	9½	27 1.90	45 42 59.3	524	93	
919	8	27 2.42	36 10 29.4	124	34	
920	8	27 2.61	45 52 0.8	524	92	
921	8	27 2.79	54 12 3.1	520	90	
922	7½	27 6.31	29 4 10.7	135	111	
	7½	6.41	10.2	105	114	
	7½	6.48	11.4	112	56	
	7½	6.53	11.8	528	97	
923	8	27 7.98	44 32 29.7	117	13	
	9	8.09	29.8	99	143	
924	9½	27 16.06	45 11 32.7	524	91	
	10	16.15	32.7	145	56	
925	9	27 18.01	42 43 22.7	74	12	
926	8½	27 18.28	45 37 48.5	524	94	
	8½	18.38	46.3	145	57	
927	8½	27 19.86	34 9 55.7	139	97	
928	8½	27 21.44	53 43 32.2	520	89	
929	8½	27 22.33	44 26 15.0	117	14	
	9½	22.52	14.9	99	142	
930	9½	27 22.79	60 32 27.1	94	10	
931	9	27 24.32	30 22 28.2	135	112	
	8½	24.79	26.8	531	43	
932	8½	27 26.76	25 28 17.2	504	83	
933	9	27 31.99	70 39 19.7	137	80	
	9	32.23	18.2	137	79	
934	9½	27 32.03	26 26 33.0	513	23	
935	9½	27 32.05	74 47 9.6	121	4	
	9	32.77	7.3	131	99	
936	9	27 33.58	73 36 15.3	121	3	
937	9	27 38.54	71 1 41.6	121	2	
	9½	39.27	40.2	131	100	
938	9½	27 39.66	38 14 3.1	498	77	
939	8½	27 39.71	65 59 17.7	526	78	s. pr.
	8	39.97	17.4	89	76	
940	9	27 41.64	68 16 23.4	137	81	
941	8	27 42.54	75 53 0.1	496	24	
942	9	27 42.58	65 59 6.4	526	77	n. sq.
943	9	27 49.09	59 11 38.3	94	11	
944	8½	4 27 49.70	28 53 31.1	105	116	
945	9	4 27 49.80	28 44 17.7	105	115	
	9	49.84	18.1	112	57	
	9	50.01	17.5	528	98	
946	8½	27 51.08	24 16 34.0	82	27	
	9	51.16	34.1	521	89	
947	9	27 55.25	26 29 46.1	513	24	
	9	55.25	44.0	504	84	
948	8½	27 57.28	64 50 12.7	89	75	
	8	57.53	13.7	526	79	
949	9	27 59.90	24 17 21.4	521	90	
	8½	59.92	21.1	82	28	
950	8	28 0.10	25 49 27.6	504	85	
951	9	28 4.30	70 1 39.2	137	82	
952	9	28 8.23	64 17 22.6	526	80	
953	8½	28 9.70	24 12 7.4	521	91	
	8	9.72	7.3	82	29	
954	9	28 13.57	31 23 20.0	108	41	
955	9	28 13.82	33 21 51.1	139	98	
	8	14.00	49.8	530	16	
956	9	28 15.47	25 41 31.6	504	86	
957	9½	28 19.19	31 57 34.8	108	42	
958	8	28 20.54	75 58 8.9	496	25	
959	8	28 22.22	40 28 25.6	115	22	
	8	22.40	25.1	759	69	
960	8½	28 23.22	49 35 53.0	517	87	
	9	23.34	53.1	518	96	
961	8	28 24.72	35 57 51.2	124	35	
962	8½	28 26.26	44 13 17.9	117	15	
963	9	28 27.15	41 41 11.6	74	13	
964	8½	28 27.52	46 3 55.9	524	95	
	8½	27.76	54.4	145	58	
965	9	28 27.98	32 19 18.5	530	17	
	9	28.01	20.7	108	43	
966	8½	28 33.55	27 47 27.3	105	117	
967	9½	28 35.70	56 10 41.4	522	89	
	9	35.93	41.5	522	88	
968	5	28 36.40	30 1 13.4	531	44	
	5	36.41	12.9	135	113	
969	9½	28 37.30	28 5 15.6	513	26	
970	9½	28 37.39	32 23 37.5	530	18	
971	9	28 39.55	26 32 25.0	513	25	
972	8½	28 39.74	43 41 57.1	117	16	
973	8	28 39.84	38 32 52.3	498	78	dpl. I. n. sq.
974	8½	28 42.27	37 12 39.2	498	79	
	8½	42.54	37.4	124	36	
975	8½	28 45.37	50 12 48.1	518	97	
976	8	28 46.60	65 38 48.0	526	81	
	8½	47.08	48.5	89	77	
977	9	28 47.97	39 58 37.7	115	23	
978	8	28 49.56	72 54 19.4	131	101	
979	9	28 51.77	46 18 59.4	524	96	
980	7½	28 53.09	39 45 4.2	759	70	
	7½	53.10	4.4	115	24	
981	9	28 53.76	47 44 18.9	517	88	
982	9½	29 1.50	25 42 26.5	504	87	
983	10	29 2.70	72 40 38.0	131	102	
984	7	29 2.92	28 42 37.6	112	58	
	7	2.99	37.2	105	118	
	7	3.16	36.0	528	100	
985	9	29 3.07	58 44 48.8	94	12	
986	8½	29 3.13	66 56 40.2	526	83	
987	9	29 3.28	32 12 1.7	530	19	
988	9	29 5.72	29 27 58.4	135	115	
	9	5.81	55.8	528	99	
989	9	29 7.18	74 58 36.4	121	5	
990	9	29 7.71	72 16 3.7	121	6	
991	9½	29 10.27	46 15 50.5	524	97	
992	8½	4 29 14.94	30 50 3.4	135	114	
	7½	15.05	2.5	531	45	
	8½	15.13	3.0	108	44	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
993	9	4 29 17.98	27 42 22.7	112	59	
994	7	29 23.41	24 18 7.2	82	30	
	6½	23.43	5.3	521	92	
995	9½	29 24.72	50 44 1.9	518	98	
996	7	29 25.77	60 1 54.3	94	13	
997	8½	29 29.56	28 25 12.0	528	102	
	8½	29.57	10.4	105	119	
998	9½	29 30.14	35 6 15.0	124	38	
999	9	29 34.57	52 1 5.2	520	91	
1000	8½	29 35.61	28 28 21.7	105	120	
	8½	35.77	17.5	528	101	
1001	8½	29 38.35	69 52 47.6	137	83	
1002	9	29 38.68	41 10 3.4	74	14	
	8½	38.79	3.4	759	71	
1003	8	29 39.04	57 25 35.8	94	14	
	8	39.30	35.4	522	92	
1004	9½	29 40.40	52 1 32.6	520	92	
1005	7½	29 43.32	25 17 50.1	504	88	
	7½	43.46	50.3	521	93	
1006	8½	29 48.50	31 38 55.0	531	46	
	8½	48.60	54.6	108	45	
1007	8½	29 51.52	40 30 32.5	759	72	
1008	9	29 53.42	43 44 19.0	117	17	
1009	8½	29 53.90	26 13 51.1	504	89	
	8½	54.07	54.3	513	27	
1010	9	29 55.68	56 14 4.9	522	90	
1011	8	29 56.29	33 54 25.3	139	99	
	7	56.37	25.3	530	20	
1012	9	29 56.45	47 10 58.7	517	89	
1013	8½	29 58.64	56 29 31.2	522	91	
1014	9	30 1.04	23 32 51.5	82	32	
1015	9	30 1.36	38 54 47.8	498	80	
	9	1.48	49.9	498	81	
1016	7	30 4.00	24 47 29.5	82	31	
	7	4.09	30.4	521	94	
1017	8	30 4.25	43 46 57.9	117	18	
1018	9	30 4.73	62 6 18.4	142	95	
1019	8	30 4.91	68 9 31.4	137	84	
1020	7½	30 6.66	55 51 48.7	522	93	
1021	7½	30 7.31	35 54 36.2	124	40	
1022	7	30 8.16	35 4 37.6	124	37	
	7½	8.19	39.9	139	101	
1023	8½	30 10.23	66 15 9.3	89	78	
	8½	10.46	10.3	526	82	
1024	9½	30 14.57	61 38 50.0	142	96	
1025	8	30 15.07	33 36 20.3	139	100	
	7	15.13	18.4	530	21	
1026	9	30 17.59	44 23 41.4	117	19	
1027	9	30 18.07	29 37 0.6	135	116	
	9	18.36	0.0	528	103	
1028	8½	30 22.10	77 57 28.2	496	26	s. pr.
1029	7	30 22.53	35 50 6.4	124	39	
1030	8	30 24.27	58 55 8.4	94	15	
1031	8½	30 25.75	77 57 22.5	496	27	n. sq.
1032	9	30 26.28	27 44 21.5	105	121	
1033	9	30 26.66	41 5 30.8	74	15	
	9	26.71	30.9	759	73	
1034	9	30 28.35	36 12 23.8	124	41	
1035	9	30 29.62	39 34 46.9	115	25	
1036	8½	30 32.70	41 29 21.4	74	16	
1037	8	30 41.10	42 17 16.8	74	18	
1038	8½	30 41.37	24 47 35.4	82	33	
	8	41.60	36.1	521	95	
1039	4	30 41.46	30 49 9.9	135	117	
	4	41.53	8.9	531	47	
	4	41.57	8.9	108	46	
1040	8½	30 48.12	48 42 5.8	515	1	
	8½	48.20	7.2	517	90	
1041	9	4 30 50.67	40 16 23.8	115	26	
	9	50.93	24.2	759	74	
1042	8½	4 30 56.25	33 26 10.6	530	22	
1043	8½	30 57.63	41 49 15.1	74	17	
1044	8½	31 2.15	27 51 20.7	105	122	
	9	2.39	22.6	112	60	
	9	2.39	21.7	528	104	
1045	8½	31 8.15	40 28 15.4	759	75	
	8½	8.22	16.4	115	27	
1046	9	31 11.75	76 48 17.7	496	28	
1047	8½	31 14.46	65 22 35.6	526	84	
	8	14.67	34.0	89	80	
1048	9	31 15.63	26 49 4.5	504	90	
	8½	15.83	5.5	513	28	
1049	3	31 17.85	55 18 14.3	522	96	
1050	9	31 21.62	44 15 18.6	117	20	
1051	9½	31 24.32	45 35 18.9	524	98	
1052	8½	31 27.89	52 38 47.5	520	93	
	9	27.94	49.9	520	96	
1053	7½	31 31.18	27 18 8.2	513	29	
	7½	31.23	8.3	112	62	
	7	31.29	9.0	105	124	
1054	9	31 31.46	27 49 60.4	105	123	
	9	31.48	60.7	112	61	
	9	31.65	58.4	528	105	
1055	9	31 31.93	31 5 15.3	135	118	
	8	32.03	14.1	531	48	
	9	32.05	16.0	108	47	
1056	8½	31 33.33	26 41 6.6	504	91	
	8½	33.49	7.7	513	30	
1057	9½	31 34.49	55 36 58.9	522	95	
1058	8½	31 35.36	38 25 49.5	498	82	
1059	9	31 36.27	42 15 27.5	74	19	
1060	8½	31 36.34	65 6 47.9	526	87	
	8½	36.72	47.9	89	79	
1061	9	31 36.72	38 53 14.2	498	83	
1062	8½	31 41.89	72 32 22.4	121	7	
	8	42.03	21.0	131	103	
1063	9	31 44.02	65 19 38.1	526	88	
1064	8	31 46.91	65 15 42.8	526	86	
	8½	47.26	40.5	89	82	
1065	9	31 51.36	25 25 37.9	521	96	
1066	9	31 51.81	26 32 40.1	504	92	
	9	51.88	43.1	513	31	
1067	8½	31 51.92	32 3 24.9	108	48	
	8	51.93	26.6	530	24	
	8	52.05	24.5	531	49	
1068	9	31 57.47	56 6 30.2	522	94	
1069	9	31 58.35	39 40 10.1	115	28	
	9	58.51	12.6	759	76	
1070	8	31 58.51	52 58 11.3	520	94	
1071	8	31 59.50	23 18 9.0	82	34	
1072	6	31 59.91	30 58 15.5	135	119	
	6	59.92	14.8	531	50	
	6½	59.96	15.5	108	49	
1073	8½	32 0.33	25 48 35.9	521	97	
1074	9	32 0.82	32 49 17.5	530	23	
1075	8	32 1.12	65 30 40.4	89	81	
	8	1.15	40.7	526	85	
1076	9	32 1.21	33 51 40.5	139	102	
1077	7½	32 2.73	38 4 38.1	498	84	
1078	8½	32 4.76	29 12 18.1	528	106	
1079	8½	32 5.86	60 4 14.3	94	16	
1080	9	32 10.73	29 32 54.9	528	107	
1081	9	32 12.72	43 52 54.3	117	21	
1082	7	32 13.41	30 40 59.5	135	120	
	6½	13.43	59.9	531	51	
1083	9½	32 13.88	52 39 54.3	520	95	
1084	6	32 15.90	63 4 51.2	142	98	
	7	16.02	51.9	148	1	
1085	7½	4 32 16.58	45 23 29.8	524	100	
	7	16.60	27.8	145	59	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1086	8½	4 32 17.59	30 12 11.5	528	108	
	8½	17.64	12.8	135	122	
1087	9	32 18.47	51 14 4.0	518	99	
1088	9	32 20.23	46 36 37.3	524	99	
1089	9½	32 20.21	63 4 56.8	148	2	
	10	20.65	56.0	142	97	
1090	10	32 24.06	34 45 57.7	139	103	
1091	9½	32 26.86	36 5 33.1	124	42	
1092	8½	32 28.03	43 42 13.8	117	22	
1093	8½	32 28.03	35 52 21.8	124	43	
1094	8½	32 30.40	42 34 38.9	74	20	
1095	9½	32 34.60	42 31 55.1	74	21	
1096	9	32 34.63	58 52 3.3	94	18	
1097	9½	32 36.58	53 3 42.7	520	97	
1098	8	32 37.99	27 1 52.3	112	63	
	8	38.01	50.7	504	93	
	7½	38.03	53.7	105	125	
	8	38.08	52.4	513	32	
1099	8½	32 40.38	72 38 54.6	121	8	
1100	8½	32 40.98	59 24 30.6	94	17	
1101	9½	32 43.32	23 10 20.4	82	35	
1102	8	32 44.02	30 9 9.6	135	123	
	8	44.26	7.8	531	53	
	8	44.37	7.0	528	109	
1103	9	32 44.87	46 31 49.1	524	101	
1104	8½	32 45.11	30 42 37.2	135	121	
	8½	45.39	37.7	531	52	
1105	8	32 45.74	55 8 52.2	522	97	
1106	9½	32 50.46	55 6 37.8	522	98	
1107	8	32 56.05	31 39 40.3	108	50	
1108	7½	32 57.47	27 30 43.2	105	126	
	8½	57.54	42.8	112	64	
1109	9	32 57.79	61 57 29.5	142	99	
	9	57.89	32.2	148	3	
1110	9	32 58.64	67 34 30.0	137	85	
	8½	58.91	28.8	526	90	
1111	9	33 3.99	24 54 31.3	504	94	
	8	4.07	30.6	521	98	
	8½	4.16	31.8	82	36	
1112	9	33 5.94	48 39 16.6	515	2	
1113	9	33 5.96	53 30 7.4	520	98	
1114	9½	33 6.55	75 53 19.5	496	29	
1115	8½	33 9.04	37 42 46.2	498	85	
1116	9½	33 9.99	46 31 25.2	524	102	
1117	9	33 11.25	54 27 3.0	522	99	
1118	6½	33 15.03	42 7 34.1	74	23	
1119	9	33 16.58	26 27 20.8	504	95	
	9	16.67	22.7	513	34	
1120	9½	33 17.25	34 8 54.4	139	105	
	8	17.45	51.7	530	25	
1121	9½	33 18.90	40 46 52.2	759	78	
1122	9	33 20.88	43 7 34.5	74	22	
	8½	21.31	35.7	117	23	
1123	8	33 21.40	57 40 53.7	94	19	
1124	8½	33 24.01	49 25 23.2	517	91	
	8	24.09	24.5	533	2	
	8½	24.23	25.5	515	3	
1125	9	33 25.96	38 2 47.9	498	86	
1126	9½	33 26.83	38 4 54.9	498	87	
1127	8	33 31.82	34 21 32.1	139	104	
	8	31.82	32.9	139	106	
1128	9	33 32.93	31 37 25.3	108	51	
1129	9	33 33.12	40 12 9.8	115	29	
	9	33.37	12.2	759	77	
1130	9	33 38.65	31 24 5.3	531	54	
1131	8	4 33 39.26	27 16 57.1	105	128	
	8½	39.47	56.4	513	33	
	8½	39.52	57.4	112	66	
1132	9	4 33 39.95	65 3 47.4	526	89	
1133	9	33 46.42	24 0 39.1	82	37	
	9	46.46	40.0	521	99	
1134	9	33 46.72	54 52 26.9	522	100	
1135	7½	33 47.26	25 57 11.2	513	35	
	7½	47.27	11.7	521	100	
	8	47.33	11.7	504	96	
1136	9	33 50.41	67 26 16.7	526	91	
	9½	50.62	17.6	137	87	
1137	8	33 55.33	28 9 34.2	112	65	
	7½	55.35	34.3	105	127	
	8	55.42	33.0	513	36	
	7½	55.46	33.0	528	110	
1138	8	33 55.52	52 5 25.3	533	1	
	8	55.54	24.8	518	100	
1139	8½	33 56.74	66 26 43.9	89	83	
1140	9	33 57.45	35 45 28.0	124	44	
1141	8½	34 2.42	45 1 54.7	524	103	
	8½	2.44	53.1	117	24	
	9	2.61	54.3	145	60	
1142	9	34 5.23	35 33 0.0	124	45	dpl. I. sq.
1143	9	34 5.—	71 9 9.2	121	10	
	8½	5.30	8.7	151	1	
	9	5.81	10.7	121	9	
	9	5.85	9.8	137	86	
1144	9	34 8.33	31 27 23.4	108	53	
	8½	8.57	22.4	531	55	
1145	8½	34 13.69	40 50 21.5	74	25	
	9	13.81	20.3	759	79	
	9	13.83	22.3	74	24	
	9	13.89	21.4	115	30	
1146	9	34 13.87	62 54 1.5	142	100	
1147	9½	34 13.91	67 32 54.9	137	88	
	9	14.16	51.9	526	92	
1148	9	34 16.11	48 32 37.7	517	92	
	9	16.29	39.4	515	4	
1149	9	34 19.09	49 28 2.9	533	3	
	9½	19.34	3.2	515	5	
1150	8	34 20.68	44 52 33.8	117	25	
	8	20.71	35.4	524	104	
	7½	20.73	33.5	145	61	
1151	10	34 20.75	60 38 16.5	148	4	
1152	9	34 22.06	57 47 44.7	94	20	
1153	9	34 23.35	30 50 28.2	108	52	
	9	23.52	28.1	135	124	
	8½	23.54	30.6	531	56	
1154	8½	34 23.54	24 35 46.2	154	1	
	9	23.60	45.7	521	101	
1155	9½	34 25.48	55 6 46.6	522	101	
1156	9	34 26.98	36 25 33.1	124	46	
1157	9	34 28.05	38 25 3.1	498	88	
1158	8½	34 30.78	30 42 13.0	135	125	
	8	30.95	12.2	531	57	
1159	8½	34 31.70	37 34 39.9	498	89	
1160	8½	34 32.02	57 11 22.0	522	102	
1161	9	34 33.77	40 50 13.7	115	31	
	9½	33.79	14.6	759	80	
	9	33.79	13.6	74	26	
1162	9½	34 38.53	28 26 50.6	528	111	
1163	8	34 39.32	33 40 36.7	530	26	
1164	8½	34 41.22	52 18 13.1	520	99	
1165	9	34 43.36	47 23 21.4	515	6	
1166	8½	34 43.58	50 3 42.9	533	4	
	9½	43.67	43.0	518	101	
1167	9½	34 44.40	63 25 28.8	89	85	
1168	9	34 44.61	24 23 26.5	82	38	
1169	9½	34 45.40	40 47 24.2	759	81	
1170	7½	4 34 49.53	34 14 57.4	139	107	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1171	9	4 34 50.18	27 54 38.6	528	112	
	9	50.19	37.6	112	67	
	9	50.23	37.0	105	129	
	9	50.28	35.8	513	37	
1172	9½	34 54.34	40 10 54.2	759	82	
1173	6	34 54.91	24 43 39.4	154	2	
	6	54.91	40.5	521	102	
	6	54.96	42.8	82	39	
1174	9½	35 4.54	24 59 31.0	82	40	
1175	9	35 4.54	25 53 29.7	504	97	
1176	9½	35 10.73	31 27 39.3	531	59	
1177	10	35 11.93	28 53 38.0	135	126	
1178	9	35 12.77	41 58 19.5	74	27	
1179	9	35 13.68	35 24 43.2	124	47	
1180	8½	35 13.74	27 58 42.1	105	130	
	8½	13.84	43.0	112	68	
	8½	13.88	42.8	528	113	
1181	9½	35 17.66	31 33 8.2	531	58	
1182	5½	35 18.56	62 19 24.5	142	101	red
	6	18.71	26.9	148	5	
1183	9½	35 19.61	46 50 38.4	524	105	
1184	8½	35 20.14	35 53 23.8	124	49	
1185	9	35 23.95	32 16 43.8	530	27	
	9	24.16	45.8	108	54	
1186	9½	35 24.31	38 32 59.1	498	90	
1187	9	35 27.51	26 19 17.6	513	39	
1188	8	35 27.88	23 17 44.8	154	3	
1189	8½	35 28.26	67 9 37.2	526	93	
	9	28.39	38.7	151	3	
	9	28.83	36.5	89	84	
1190	8½	35 29.32	26 0 59.8	504	98	
	8½	29.35	61.8	521	103	
	8½	29.38	61.4	513	38	
1191	9	35 32.52	29 49 13.9	135	127	dpl. III. s.
	9½	32.62	12.9	135	128	
	9	32.70	12.4	531	60	
1192	8½	35 34.16	35 15 41.8	124	48	
1193	9	35 36.22	48 12 24.8	517	93	
1194	9½	35 36.90	43 28 14.9	117	27	
1195	9	35 37.19	27 42 11.4	105	132	
	9	37.27	12.1	112	69	
1196	9½	35 39.65	24 56 31.5	82	41	
1197	8	35 42.78	28 26 5.1	112	70	
	7½	42.79	6.4	105	131	
	8	42.94	5.7	528	114	
1198	8½	35 45.82	45 21 58.7	524	107	
	9	46.13	55.4	145	62	
1199	8½	35 46.02	75 56 5.9	496	30	
1200	8½	35 48.66	43 37 45.3	117	26	
1201	8½	35 50.68	50 43 23.4	533	5	
	9½	50.84	24.2	518	102	
1202	8½	35 55.63	45 17 28.6	524	106	
	8½	55.74	29.3	145	63	
1203	7½	35 56.74	39 2 60.2	498	92	
	7½	56.77	58.8	759	83	
1204	7	35 57.02	58 27 3.3	94	21	
1205	9½	35 57.86	23 49 42.3	521	104	
1206	7	35 58.54	51 55 4.6	518	103	
	6½	58.59	5.2	533	6	
	7	58.63	6.9	520	100	
1207	9	36 2.60	29 37 32.9	135	129	
	8½	2.89	33.0	528	115	
1208	9½	36 5.88	78 29 59.1	496	32	
1209	9	36 9.34	25 19 12.1	504	99	
1210	9	36 9.95	38 39 8.0	498	91	
1211	9	36 12.76	33 18 28.0	139	108	
	9	12.87	25.3	530	29	
1212	8½	36 15.39	32 28 8.1	108	55	
	8½	15.46	6.5	530	28	
1213	8	4 36 16.56	57 1 18.0	522	103	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1214	7	4 36 16.88	24 13 4.2	154	4	
	8	16.90	3.9	82	42	
	7½	16.90	2.8	521	105	
1215	9½	36 24.89	66 40 42.6	526	95	
	9	24.94	38.7	89	87	
1216	9	36 27.44	54 25 13.1	522	105	
1217	9	36 28.12	40 39 58.3	115	32	
1218	9	36 30.61	67 12 12.3	526	94	
1219	9	36 30.67	67 28 51.2	137	89	
	9	30.70	51.0	151	2	
	9½	30.80	51.3	137	90	
1220	7	36 31.—	73 27 42.0	121	12	
1221	4½	36 31.87	42 6 12.1	74	28	
1222	9½	36 33.99	51 54 8.9	533	7	
1223	9½	36 34.51	44 58 42.9	145	64	
	9	34.63	43.7	117	28	
1224	7	36 35.—	72 59 10.3	121	11	
1225	9½	36 35.38	53 12 27.4	520	101	
1226	8½	36 35.39	40 5 12.6	115	34	n. pr.
	9	35.46	12.5	759	84	
1227	8½	36 35.59	40 5 46.6	759	85	s. sq.
	8	35.63	47.2	115	33	
1228	9½	36 35.97	29 17 36.8	135	130	
	9	36.31	37.7	528	116	
1229	9	36 38.93	46 32 7.1	524	109	
1230	9	36 39.70	59 3 31.1	94	23	
1231	9	36 41.54	30 42 4.3	531	61	
1232	10	36 43.10	31 3 27.3	108	56	
	9	43.14	26.1	531	62	
1233	8½	36 46.70	26 40 27.3	513	40	
1234	10	36 47.28	30 56 48.1	108	57	
1235	8	36 49.27	39 49 28.9	759	86	
	8	49.29	26.8	115	35	
1236	8	36 50.96	59 13 30.6	94	22	
1237	9½	36 51.55	46 21 17.2	524	110	
1238	9½	36 55.69	46 44 39.4	524	108	
1239	9½	36 55.85	62 25 33.0	148	6	
1240	8½	36 55.97	42 44 34.6	74	29	
1241	8½	36 58.48	33 5 8.9	530	31	
	9	58.49	10.3	139	109	
1242	9	37 1.08	33 29 16.1	530	30	
1243	8	37 2.38	57 7 56.2	522	104	
1244	7½	37 5.77	23 24 58.8	82	43	
	7	5.82	59.2	154	5	
1245	8	37 6.52	46 2 4.1	524	111	
	8	6.74	1.9	145	65	
1246	7	37 8.06	48 46 50.1	515	7	
	7	8.35	48.4	517	94	
1247	9	37 9.16	29 52 22.2	135	132	
	8½	9.21	23.2	531	63	
	8½	9.21	22.5	528	117	
1248	9½	37 10.22	66 21 59.0	526	97	
1249	10	37 12.99	34 57 0.8	139	110	
1250	9	37 13.45	66 42 30.9	526	96	
	8½	13.80	31.1	89	86	
1251	9½	37 15.48	53 11 43.7	520	104	
	9	15.49	43.4	520	102	
1252	9½	37 16.06	35 20 58.0	124	50	
1253	8½	37 21.08	45 56 44.4	524	112	
	9	21.09	43.4	145	66	
1254	9½	37 21.22	44 4 21.4	117	29	
1255	7	37 25.78	62 37 21.3	142	102	
	7	26.20	22.9	148	7	
1256	9½	37 25.85	29 56 38.3	135	131	
	9	25.88	38.3	528	118	
	8½	25.94	40.0	531	64	
1257	8	37 26.19	37 25 46.1	498	93	
1258	9	37 31.58	77 43 47.3	496	31	
1259	8	37 36.43	44 8 12.0	117	30	
1260	9½	4 37 36.90	53 17 0.9	520	103	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1261	9	4 37 37.71	35 42 48.9	124	51	
1262	5	37 38.26	37 23 22.8	498	94	
1263	9	37 38.71	42 22 13.6	74	30	
1264	9½	37 42.81	54 11 47.4	520	106	
1265	7	37 45.48	37 51 7.5	498	95	
1266	7½	37 45.78	24 32 23.9	521	106	
1267	9	37 46.35	65 20 25.8	526	99	
1268	8½	37 49.15	78 53 15.4	496	35	
1269	9½	37 49.58	56 25 58.9	522	106	
1270	8	37 50.45	27 15 32.0	105	133	
	8½	50.48	33.1	513	42	
	8½	50.54	31.2	112	71	
1271	9	37 51.43	38 47 12.2	498	96	
1272	9	37 52.54	26 29 22.1	504	100	
	8½	52.66	22.1	513	41	
1273	8½	37 54.34	24 4 57.0	82	44	
	8	54.45	56.9	154	6	
1274	9	37 56.18	32 42 34.4	530	32	
1275	8½	38 0.—	71 56 22.4	121	13	
1276	7	38 1.78	23 51 49.3	154	7	
	7½	1.84	52.8	82	45	
1277	8	38 1.80	45 32 46.7	524	113	
	8½	1.99	46.8	145	67	
1278	8½	38 7.76	45 9 16.6	524	114	
	8½	7.81	14.5	117	33	
1279	7	38 8.97	31 56 41.9	531	65	
	7	9.01	42.9	530	33	
1280	9½	38 9.72	34 50 37.9	139	111	
1281	8	38 11.16	48 23 45.1	517	96	
	8½	11.30	45.4	515	10	
1282	8½	38 12.01	48 43 34.6	517	95	
1283	7	38 12.27	47 30 3.1	515	8	
1284	9	38 12.43	54 6 29.9	520	105	
1285	9	38 12.82	51 40 41.6	533	8	
1286	9	38 12.84	41 32 46.6	74	31	
1287	8	38 14.44	34 27 10.3	139	112	
1288	8½	38 14.87	35 49 45.6	124	52	
1289	7	38 14.91	59 11 24.4	94	24	dpl. I.
1290	8	38 17.93	56 16 17.8	522	107	
1291	9	38 18.81	41 58 4.3	74	32	
1292	6	38 19.40	30 59 57.1	135	133	
	6	19.61	57.1	531	66	
	6	19.63	57.6	108	58	
1293	7	38 22.03	48 3 44.7	515	9	
	7	22.26	44.2	517	97	
1294	8½	38 23.71	39 5 38.5	115	36	
	8	23.80	39.1	759	87	
	8½	23.81	38.6	498	97	
	8½	23.87	38.1	115	37	
1295	9	38 24.43	44 43 58.3	117	31	
1296	8½	38 31.—	74 37 4.0	121	16	
1297	8½	38 33.11	35 4 59.5	139	113	
1298	8½	38 34.60	65 31 5.3	89	89	
	9	34.73	4.8	526	98	
	8½	34.78	3.6	89	88	
1299	8½	38 35.49	69 3 17.7	137	91	
	8	35.49	16.4	151	4	
1300	9½	38 36.48	28 53 58.2	135	134	
	9½	36.53	57.2	112	72	
	9	36.58	57.3	105	134	
	9	36.75	56.3	528	119	
1301	8	38 38.61	25 0 50.3	504	101	
	8	38.71	48.3	154	8	
	8	38.86	52.1	521	107	
1302	9	38 39.02	44 53 10.6	524	115	
	8½	39.13	7.8	117	32	
1303	9½	38 40.91	36 38 41.1	124	53	
1304	8	4 38 46.25	50 45 21.5	533	9	
	8½	46.41	19.5	518	104	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1305	8	4 38 54.49	26 9 5.9	504	103	
	8½	54.61	4.4	513	43	
	8½	54.65	3.4	521	108	
1306	9	38 56.47	25 33 33.2	504	102	
1307	8	38 56.94	32 29 26.8	530	34	
	8	57.05	29.5	108	60	
1308	9	39 2.58	78 22 42.0	496	33	
1309	9	39 2.75	24 42 64.8	82	46	
	9	2.75	59.8	154	9	
1310	9	39 6.26	28 54 56.2	135	135	
	9	6.42	56.6	105	135	
	9	6.49	55.6	112	73	
	9	6.53	54.8	528	120	
1311	9½	39 10.60	28 27 58.0	105	136	
1312	9½	39 10.80	45 33 2.4	524	116	
1313	9½	39 13.04	34 40 20.0	139	114	
1314	7	39 13.56	27 48 36.4	112	74	
	7	13.66	36.9	528	122	
1315	8	39 15.—	72 43 12.4	121	14	
1316	7½	39 17.66	31 43 3.0	108	59	
	7½	17.74	3.7	531	67	
1317	8	39 19.45	55 2 17.2	522	108	
1318	9½	39 20.10	63 14 36.4	148	8	
1319	9	39 21.29	61 4 59.9	142	103	
1320	9	39 24.97	78 37 8.2	496	34	
1321	9	39 24.98	23 55 31.3	154	10	
	8½	25.36	34.2	82	47	
1322	8½	39 26.35	69 41 42.2	137	92	
	8½	26.58	42.7	151	5	
1323	8	39 28.15	41 59 12.4	74	33	
1324	7½	39 28.99	28 10 52.1	528	121	
	7	29.01	54.4	105	137	
	7½	29.07	54.0	112	75	
1325	9	39 29.23	23 55 14.5	82	48	
	9	29.49	14.7	154	11	
1326	9	39 29.48	25 55 42.6	504	104	
	9	29.48	43.4	521	109	
	9	29.63	42.1	513	44	
1327	8	39 31.86	63 2 20.9	148	9	dpl. II. s. sq.
1328	5½	39 34.27	50 43 1.1	533	10	
	5½	34.39	1.3	518	105	
1329	9	39 35.35	38 42 43.4	498	98	
1330	8½	39 37.43	52 23 56.9	520	107	
1331	7	39 37.53	41 17 55.1	74	34	
1332	8½	39 39.66	26 56 14.6	112	76	
	8½	39.86	14.8	513	45	
1333	9½	39 40.25	52 20 51.0	520	108	
1334	7½	39 40.87	56 21 22.3	522	109	
1335	8	39 42.13	58 15 21.0	94	25	
1336	7½	39 42.81	27 0 0.0	112	77	
	7½	42.85	0.9	513	47	
1337	9	39 43.14	46 41 14.6	145	68	
	8½	43.20	16.4	524	118	
1338	8	39 46.83	47 27 15.4	517	98	
1339	8½	39 51.29	50 27 16.8	533	11	
	9	51.41	16.2	518	106	
1340	9½	39 53.02	38 56 17.5	759	88	
1341	9	39 53.11	25 33 34.7	504	105	
1342	8½	39 56.52	36 41 6.4	124	54	
1343	8	39 56.88	27 2 31.9	112	78	
	8½	56.92	31.5	513	46	
	8½	57.01	29.9	504	107	
1344	9	39 58.03	49 4 3.7	515	11	
1345	9½	39 58.19	80 7 17.3	496	36	
1346	8½	39 59.15	24 3 47.4	154	12	
	8½	59.17	49.5	82	49	
1347	8	40 0.—	74 5 11.3	121	15	
	8	0.—	11.2	121	17	
1348	9½	4 40 2.42	79 24 25.4	496	37	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1349	9½	4 40 3.60	33 6 4.8	530	35	
1350	9	40 3.62	24 21 41.9	521	110	
1351	8½	40 7.95	61 27 17.3	142	105	s. pr.
	9	8.21	19.5	148	11	
1352	9½	40 8.60	35 15 44.7	124	55	
1353	9	40 8.85	61 27 12.9	148	10	n. sq.
	9½	8.89	10.3	142	104	
1354	8	40 9.88	48 32 19.2	515	12	
1355	8½	40 11.74	26 16 9.8	504	106	
1356	9	40 13.25	64 40 44.1	526	100	
1357	9½	40 13.84	46 25 8.3	145	69	
	9	14.02	7.6	524	117	
1358	9	40 16.26	50 8 2.8	533	13	
	9½	16.51	1.6	518	108	
1359	9	40 18.85	31 10 18.5	108	61	
	8	19.01	17.2	531	68	
1360	8	40 21.80	50 7 13.5	533	12	
	8½	21.99	14.1	518	107	
1361	9	40 22.45	54 56 58.4	522	110	
1362	7	40 23.22	48 34 7.8	515	13	
1363	9	40 25.81	64 42 31.0	526	101	
1364	8½	40 26.35	33 15 45.1	139	115	
	8½	26.51	44.4	530	36	
1365	8½	40 27.69	61 19 36.5	142	106	
	8½	28.11	39.2	148	12	
1366	9	40 28.11	32 15 27.4	530	37	
1367	8	40 31.09	46 29 55.8	145	70	
	8	31.16	57.6	524	119	
1368	7	40 31.44	52 46 42.8	520	110	
1369	8½	40 31.67	65 32 46.8	89	90	
1370	9	40 31.82	60 38 27.3	94	26	
1371	9	40 39.84	42 19 21.1	74	36	
1372	9	40 41.88	44 38 58.5	117	34	
1373	8	40 42.88	28 53 12.5	135	136	
	8	43.23	10.7	528	123	
1374	6½	40 44.04	52 29 47.5	520	109	
1375	8½	40 44.46	23 30 59.1	154	13	
1376	9	40 47.51	30 53 31.3	108	62	
	8½	47.52	28.5	531	69	
1377	9	40 48.07	62 37 10.1	148	13	
1378	8½	40 48.12	41 59 5.0	74	35	
1379	9	40 52.50	54 49 9.5	522	111	
1380	9	40 53.70	25 0 6.4	504	109	
1381	8	40 54.24	25 23 18.4	504	108	
	8	54.41	18.4	521	111	
1382	8½	40 54.27	27 16 36.0	105	138	
	9	54.40	36.0	112	79	
	8½	54.46	35.4	513	48	
1383	7½	41 0.30	44 46 52.0	117	35	
1384	10	41 2.00	35 34 28.0	124	56	
1385	9	41 2.21	27 20 47.9	105	139	
1386	9	41 6.07	27 37 26.3	112	80	
1387	9	41 6.90	23 44 58.5	521	112	
1388	9½	41 7.61	46 40 7.5	524	121	
1389	8½	41 8.30	47 38 21.6	515	14	
1390	9	41 8.57	29 17 28.3	135	137	
	8½	8.68	27.8	528	124	
1391	9	41 9.54	37 43 3.9	498	99	
1392	8	41 10.12	56 36 18.9	522	112	
1393	8½	41 10.20	63 26 59.5	148	14	
	8	10.34	58.4	526	102	
1394	7	41 12.04	34 15 0.3	139	116	
1395	8	41 13.01	65 45 0.5	526	103	
	8½	13.44	1.9	89	92	
1396	9½	41 13.30	30 53 7.6	531	71	
	9½	13.47	11.7	108	64	
1397	9	41 13.52	33 25 51.4	530	38	
1398	9	41 15.64	46 37 40.6	524	120	
1399	9½	4 41 16.26	30 51 8.8	108	63	
	9½	16.33	5.4	531	70	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1400	8	4 41 17.04	23 0 17.7	154	14	
1401	7½	41 19.63	52 51 34.8	520	111	
1402	8½	41 20.68	27 29 37.0	105	140	
1403	8½	41 21.56	42 11 24.9	74	37	
1404	8	41 22.38	59 1 15.1	94	27	
1405	8	41 23.53	67 7 59.8	151	6	
	8	23.50	60.9	526	105	
	8	23.60	59.7	89	91	
	8½	23.67	60.5	137	93	
	8½	23.84	60.0	89	93	
1406	6½	41 26.24	28 18 55.4	105	142	
	6½	26.36	52.1	112	81	
	6½	26.37	53.3	528	125	
1407	8	41 29.—	71 44 25.6	121	18	
1408	9	41 32.64	77 7 28.5	496	38	
1409	9	41 33.34	58 47 12.7	94	28	
1410	8	41 36.26	42 46 56.8	74	38	
1411	10	41 36.74	34 21 46.5	139	117	
1412	9	41 37.04	26 58 53.8	504	111	
1413	8½	41 40.19	51 42 52.4	533	14	dpl. III. n.
1414	9	41 40.62	53 29 23.9	520	112	
1415	8	41 41.89	51 30 12.9	533	15	
1416	6½	41 42.01	39 34 61.0	759	89	
	6½	42.05	59.7	115	38	
1417	8½	41 43.50	26 31 41.1	504	110	
	8	43.69	42.7	513	49	
1418	9	41 44.11	27 31 45.1	105	141	
1419	8½	41 45.95	44 7 31.4	117	36	
1420	10	41 51.66	32 39 43.2	108	65	
1421	8½	41 54.76	68 50 25.7	151	7	
1422	8	41 57.94	36 2 0.2	124	57	
1423	7½	42 0.19	38 20 20.4	498	100	
1424	9½	42 1.30	34 21 20.2	139	118	
1425	9½	42 1.37	29 30 55.9	135	138	
1426	8	42 4.40	29 37 59.3	135	139	
	7	4.68	59.1	528	126	
1427	8	42 6.43	44 30 40.8	117	37	dpl. II.
1428	9	42 8.10	29 59 14.9	135	140	
	8½	8.33	14.1	531	72	
1429	9½	42 8.24	40 8 20.8	115	39	
	9	8.34	21.3	759	90	
1430	8½	42 10.08	25 22 24.3	521	113	
1431	8	42 10.30	58 52 43.7	94	29	
1432	8½	42 13.41	23 10 12.5	154	15	
1433	9	42 17.18	45 56 48.8	524	123	
	9	17.19	45.6	524	122	
	9	17.35	47.2	145	71	
1434	9	42 21.28	26 59 49.2	504	112	
	8½	21.31	52.8	105	143	
	8½	21.43	49.8	513	50	
	9	21.54	50.8	112	82	
1435	9½	42 22.07	38 42 1.0	498	101	
1436	9	42 22.80	23 44 43.6	154	16	
1437	8½	42 27.07	52 12 22.0	520	113	
1438	6	42 28.37	59 57 43.5	94	30	
1439	7½	42 29.81	50 17 18.6	533	16	
1440	7½	42 32.50	56 31 13.0	522	113	
1441	9½	42 32.69	30 55 21.6	135	142	
	10	32.93	21.9	108	66	
1442	8	42 38.15	42 19 3.2	74	39	
1443	9	42 38.27	33 50 6.9	139	119	
1444	8½	42 39.03	44 28 51.5	117	38	
1445	9	42 42.12	38 16 58.0	498	103	
1446	7½	42 42.38	38 31 59.1	498	102	
1447	9½	42 43.67	33 22 59.4	139	120	
1448	9	42 43.73	66 45 42.9	526	104	
	9	44.00	43.1	89	94	
1449	8½	42 45.03	42 50 31.0	74	40	
1450	9	42 45.69	67 38 6.2	526	106	
1451	7½	4 42 47.52	50 50 46.2	533	18	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
1452	9½	4 42 48.97	54 27 3.8	522	114
1453	8½	42 49.05	49 28 19.7	533	17
	8	49.06	21.8	515	15
1454	8	42 51.35	36 25 58.5	124	58
1455	7	42 56.92	30 14 45.4	135	141
	6½	57.15	45.8	531	73
1456	9½	42 57.92	77 19 6.8	496	39
1457	9	43 4.19	45 53 3.0	524	124
1458	8	43 5.60	52 7 44.4	520	114
1459	9	43 14.78	27 4 30.5	105	144
	9½	14.79	29.1	504	113
1460	9	43 17.53	66 58 24.3	151	8
	8½	17.58	22.7	526	107
	8½	17.63	21.4	89	95
1461	8½	43 20.17	54 36 24.2	522	115
	9	20.33	22.3	520	115
1462	9	43 26.58	24 27 8.6	521	115
	8½	26.65	6.1	154	17
1463	8½	43 26.78	38 17 15.6	498	104
1464	9	43 27.48	25 9 42.1	521	114
1465	9	43 28.38	28 38 32.0	112	83
	9	28.47	29.5	528	127
1466	9	43 29.75	23 55 7.5	154	18
1467	8½	43 31.75	50 37 5.6	533	19
1468	10	43 32.22	35 15 36.9	124	59
1469	10	43 32.54	67 1 41.6	526	108
1470	8	43 34.14	23 29 35.8	154	19
1471	8½	43 35.63	60 2 16.6	94	31
1472	9	43 42.47	40 39 58.8	115	40
	9	42.64	60.5	759	91
1473	9½	43 43.58	62 43 12.0	148	17
1474	9	43 43.85	33 5 23.8	530	39
1475	9½	43 44.69	44 34 44.8	117	40
1476	9	43 47.60	63 32 7.5	148	15
1477	7	43 49.11	63 27 18.4	148	16
1478	10	43 49.31	36 22 56.8	124	60
1479	9	43 49.74	64 0 11.5	89	96
1480	8½	43 50.25	55 5 31.2	522	116
1481	7½	43 51.13	44 29 19.2	117	39
1482	10	43 52.84	36 23 47.8	124	61
1483	9½	43 53.06	40 12 11.6	759	92
1484	9½	43 53.10	32 19 39.1	108	67
1485	8	43 53.39	46 49 8.8	515	16
	8	53.55	8.0	145	72
	8½	53.57	9.7	524	125
1486	10	43 55.16	46 47 36.0	524	126
1487	8	43 55.25	23 16 50.8	154	20
1488	8½	43 55.27	71 43 29.9	121	19
1489	9	43 58.51	42 6 32.2	74	41
	9	58.64	30.6	74	42
1490	9	43 58.80	22 56 53.5	154	21
1491	8½	44 2.02	28 56 43.6	105	145
	9	2.05	43.3	135	143
	8½	2.07	44.9	112	84
	9	2.12	43.1	112	85
	9½	2.25	45.1	528	128
1492	6½	44 3.33	77 53 25.2	496	40
1493	9	44 6.21	46 15 52.8	524	127
	9	6.47	51.4	145	73
1494	8½	44 10.52	73 45 42.6	121	22
1495	9½	44 11.92	36 14 27.1	124	62
1496	8½	44 14.35	37 39 9.2	498	105
1497	9½	44 15.30	52 54 10.6	520	117
1498	9½	44 17.67	30 26 2.4	531	74
1499	9	44 18.08	63 54 43.4	89	97
1500	8½	44 18.58	33 41 31.0	139	121
1501	5½	44 19.21	71 9 33.6	121	20
	6	19.14	33.5	151	9
1502	8½	4 44 19.45	60 7 51.6	94	32

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
1503	9	4 44 19.52	43 41 7.2	117	41
1504	9	44 20.54	36 55 46.9	498	107
	9	20.69	46.0	124	63
1505	9½	44 21.40	31 1 52.4	135	144
1506	8½	44 23.36	60 14 27.4	94	33
1507	8	44 25.43	31 38 38.8	108	68
	7½	25.52	37.5	531	75
1508	9½	44 26.83	44 52 8.8	524	128
1509	8	44 27.16	56 0 10.0	522	117
1510	9	44 31.31	36 58 5.0	498	106
	9½	31.39	4.0	124	64
1511	9½	44 32.33	39 6 21.5	759	93
1512	9	44 32.70	24 6 29.9	521	116
1513	7	44 36.33	34 31 43.2	139	122
1514	9	44 37.30	53 19 59.5	520	116
1515	9	44 39.66	47 51 18.5	515	17
1516	9½	44 40.55	32 7 20.6	108	69
1517	10	44 43.13	32 9 5.4	108	70
1518	7	44 43.13	44 11 59.2	117	42
1519	9	44 45.36	51 18 48.5	533	20
1520	9½	44 50.98	31 43 16.0	531	76
1521	8½	44 51.54	42 14 39.9	74	43
1522	8½	44 53.33	33 18 29.6	530	40
1523	8½	44 54.25	63 46 57.4	89	98
	7½	54.46	58.8	526	111
1524	9	44 59.45	24 53 10.9	521	118
1525	9	45 4.40	57 22 10.7	522	118
1526	9	45 4.65	26 5 54.7	513	51
	9	4.78	51.2	521	117
1527	8½	45 5.55	79 41 42.4	496	41
1528	8	45 5.98	24 35 0.6	154	22
	8½	6.02	2.4	521	119
1529	9½	45 7.01	52 47 53.6	520	118
1530	9	45 7.32	26 20 48.3	504	114
1531	7½	45 7.94	31 11 13.0	531	77
	7½	7.96	15.4	108	71
1532	7	45 8.94	59 21 26.7	94	35
1533	8	45 10.27	60 49 45.0	148	18
1534	8	45 11.99	42 36 7.7	74	44
1535	7	45 16.10	50 0 37.4	533	22
1536	8½	45 17.01	42 35 56.8	74	46
1537	8½	45 17.02	30 28 33.2	135	145
1538	9	45 17.07	68 14 48.5	151	10
1539	9	45 18.98	49 23 17.9	515	19
1540	9½	45 20.53	34 49 43.9	139	124
1541	8	45 20.60	35 19 10.8	124	66
1542	9½	45 21.00	46 45 42.1	524	131
1543	9½	45 21.06	34 55 50.3	139	123
1544	7½	45 22.02	42 37 49.3	74	45
1545	9	45 22.31	26 14 35.2	504	115
	9	22.38	35.3	513	52
1546	9	45 22.45	44 57 27.6	117	43
	9	22.52	26.9	524	129
1547	9	45 24.02	28 49 3.4	112	86
	9	24.13	4.2	105	146
	9½	24.17	4.5	528	129
1548	7½	45 24.49	47 21 12.1	515	18
1549	9	45 25.86	31 25 24.2	531	78
1550	9½	45 27.75	33 50 29.5	530	41
1551	10	45 28.26	39 31 16.7	759	94
1552	7	45 29.23	27 18 59.0	105	147
	7½	29.33	56.4	513	54
	7½	29.37	59.5	112	87
1553	8	45 29.39	42 10 44.5	74	48
1554	8½	45 29.73	51 2 1.7	533	21
1555	7½	45 30.47	50 6 10.1	533	23
1556	9½	45 32.63	29 53 32.2	135	147
1557	7½	45 33.58	66 18 3.5	526	110
1558	9	4 45 34.01	52 51 13.0	520	119

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1559	10	4 45 36.40	60 45 34.3	148	19	
1560	9	45 37.26	66 44 48.7	526	109	
1561	9	45 37.79	60 13 19.6	94	34	
1562	8½	45 38.29	42 49 24.6	74	47	
1563	8½	45 38.81	45 22 44.0	145	74	
	8½	39.16	45.0	524	130	
1564	8	45 40.29	42 4 12.4	74	49	
1565	9	45 40.49	44 16 58.3	117	45	
1566	8½	45 40.79	72 21 36.2	121	21	
1567	9	45 40.93	36 34 15.8	124	65	
1568	8½	45 44.98	44 42 6.2	117	44	
1569	8	45 47.95	26 20 30.6	513	53	
	8	47.98	28.0	504	116	
1570	9	45 49.30	29 59 19.1	135	146	
	8½	49.32	16.6	528	130	
	8½	49.34	20.2	531	79	
1571	7½	45 50.06	61 41 40.0	148	20	
1572	7½	45 50.80	57 2 6.4	522	119	
1573	9	45 51.01	39 23 52.5	759	95	dpl. II. s. pr.
	9	51.05	51.7	115	41	
1574	8	45 55.48	45 13 17.1	166	1	
	9	55.60	15.8	145	75	
	9	55.67	18.8	524	133	
1575	9	45 55.72	50 2 46.3	533	25	
1576	8½	45 57.92	37 18 6.1	498	108	
1577	7	45 58.85	25 31 23.2	521	120	
	7½	58.87	25.7	504	117	
1578	9	45 59.71	34 25 19.2	139	125	
1579	8½	46 2.10	63 2 51.0	148	22	
1580	8	46 2.59	27 43 59.2	105	148	
	8½	2.63	58.8	112	88	
1581	8½	46 6.56	50 7 40.9	533	24	
1582	9	46 8.19	41 48 13.0	74	50	
1583	7½	46 11.23	38 46 40.6	498	109	
1584	9½	46 12.14	26 2 37.5	521	121	
	9	12.16	39.3	504	118	
1585	9½	46 13.25	34 26 40.6	139	126	
1586	9	46 13.99	24 10 56.4	154	23	
1587	8½	46 16.18	39 42 56.3	115	42	
	8	16.35	55.4	158	1	
1588	9½	46 18.79	30 29 31.2	135	148	
1589	8	46 22.48	48 31 35.7	515	20	
1590	9	46 24.03	39 13 30.3	759	96	
1591	9½	46 25.69	32 32 59.0	530	43	
1592	8½	46 27.34	46 23 30.7	145	76	
	8½	27.49	30.7	524	132	
1593	9½	46 27.54	79 33 23.6	496	42	
1594	8½	46 29.71	41 15 48.0	74	51	
1595	8½	46 30.39	24 34 45.8	154	24	
1596	9	46 30.42	39 4 0.0	158	2	
	9	30.43	2.5	759	97	
1597	9½	46 31.05	38 35 49.8	498	110	
1598	9½	46 34.11	32 11 24.5	108	73	
	9	34.21	21.4	531	80	
	9	34.32	21.6	530	42	
1599	9½	46 35.46	76 28 52.5	496	44	
1600	8½	46 38.11	40 25 41.6	115	44	
1601	9½	46 40.37	33 6 52.9	108	74	
	9	40.50	51.1	530	45	
1602	9	46 41.49	66 13 31.7	526	115	
1603	7	46 43.35	56 52 57.8	522	120	
1604	9	46 46.00	48 13 45.2	515	21	
1605	7½	46 49.62	54 6 16.3	520	123	
1606	10	46 52.80	68 20 28.2	151	11	
1607	9½	46 52.99	57 43 46.0	94	36	
1608	9½	46 53.37	68 57 41.8	151	13	
1609	8	46 53.78	31 46 39.6	108	72	
	8	53.82	39.5	531	81	
1610	8½	4 46 54.29	40 1 3.5	759	98	
	9	54.40	3.4	115	43	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1611	6	4 46 55.48	35 7 1.4	139	127	
	6½	55.59	2.3	124	67	
1612	9	46 56.95	51 55 27.2	520	120	
	8½	57.21	24.8	533	26	
1613	8	46 59.52	45 52 50.9	524	134	
	7½	59.58	54.5	166	2	
	8	59.67	54.1	145	77	
1614	7½	46 59.53	68 45 57.6	151	12	
1615	9	47 1.50	32 26 56.4	530	44	
1616	7	47 2.22	60 28 25.7	94	37	
1617	8½	47 2.53	57 18 57.6	522	122	
1618	7½	47 2.74	63 41 43.4	89	100	
	7	2.83	44.8	526	112	
1619	8½	47 5.98	27 16 23.7	105	149	
	8½	5.99	24.8	112	89	
	9	6.07	23.3	513	55	
1620	9½	47 6.64	51 54 4.9	520	121	
	9½	6.68	2.1	533	27	
1621	8	47 7.41	54 40 5.5	522	121	
	8	7.70	4.7	520	124	
1622	8	47 7.85	63 57 40.4	526	113	
	8½	7.87	39.4	89	99	
1623	8½	47 8.99	53 29 40.4	520	122	
1624	9	47 11.87	34 25 58.6	139	129	
1625	9½	47 13.25	62 42 10.4	148	21	
1626	9	47 14.55	44 5 17.1	117	47	
1627	7½	47 17.30	51 16 0.6	533	28	
1628	7½	47 17.61	43 15 56.6	117	46	
1629	6½	47 18.28	34 26 57.0	139	128	
1630	9	47 18.32	45 8 18.5	145	78	
1631	8	47 18.35	36 2 57.2	124	68	
1632	9	47 19.88	34 27 46.3	139	130	
1633	8½	47 20.05	24 6 8.4	82	50	
	9	20.14	8.9	154	25	
1634	8	47 21.00	44 29 35.4	117	48	
1635	9	47 24.62	40 37 30.5	759	99	
	9	24.69	27.8	115	45	
	9½	24.87	28.2	158	3	
1636	9	47 25.35	29 38 29.3	135	149	
	8½	25.48	29.3	528	131	
1637	8	47 26.35	38 49 14.7	498	111	
1638	9	47 28.63	63 11 41.3	148	23	
1639	8½	47 28.77	26 12 4.6	513	56	
1640	9	47 30.24	45 15 28.2	166	3	
1641	8	47 34.43	25 58 52.7	504	120	
	8	34.55	54.8	513	57	
	8	34.67	52.1	521	122	
1642	8½	47 41.12	25 33 35.0	504	119	
	8½	41.19	35.4	521	123	
1643	9½	47 43.04	40 29 17.1	759	100	
1644	8	47 44.49	48 16 25.8	515	22	
1645	9½	47 45.08	26 59 49.5	105	150	
1646	9	47 46.19	74 32 37.6	121	23	
1647	9½	47 46.37	33 12 15.8	530	46	
1648	9½	47 47.80	37 0 57.3	498	113	
1649	8	47 49.03	30 52 7.3	108	75	
	7½	49.12	6.4	531	82	
	8	49.13	6.8	135	151	
1650	9½	47 49.40	36 32 0.0	124	69	
1651	9½	47 53.26	24 58 17.8	154	26	
1652	8½	48 0.25	71 19 35.8	121	24	
1653	9½	48 1.93	46 57 9.1	524	135	
	9½	1.99	10.9	145	79	
1654	8½	48 1.97	64 36 8.5	89	101	
	8½	2.10	8.8	526	114	
1655	10	48 4.25	30 0 44.3	135	150	
1656	9½	48 4.52	66 41 23.4	526	116	
	9½	4.89	25.4	89	102	
1657	8	48 5.74	58 44 5.0	94	38	
1658	8½	4 48 6.16	42 58 4.9	74	53	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1659	8	4 46 6.33	59 0 48.6	94	39	
1660	9	48 6.41	33 18 18.3	530	47	
1661	10	48 6.46	28 53 27.3	528	132	
1662	6	48 8.03	53 40 30.2	520	125	
1663	8½	48 8.21	41 12 50.0	74	52	
1664	7	48 9.42	53 40 23.5	520	126	
1665	9½	48 11.11	47 19 17.5	515	23	
1666	9	48 11.44	43 29 41.4	117	49	
1667	9	48 12.59	38 47 14.9	498	112	
1668	9	48 13.04	36 11 54.6	124	70	
1669	9½	48 19.41	46 59 46.2	524	136	
1670	9	48 23.47	23 40 45.4	82	51	
	9	23.66	46.1	154	27	
1671	9	48 23.93	25 21 26.9	521	124	
1672	6½	48 25.58	51 56 7.6	533	29	
	7	25.95	5.7	502	1	
1673	9½	48 25.81	68 58 48.4	151	14	
1674	9	48 26.03	40 21 48.4	759	101	
	9	26.20	49.1	115	46	
	9½	26.20	45.5	158	4	
1675	7	48 28.53	47 3 38.5	515	24	
	7	28.70	37.8	166	4	
	7	28.71	37.2	524	137	
	7½	28.77	37.4	145	80	
1676	8	48 31.77	26 17 18.8	504	121	
1677	9	48 33.18	53 37 7.6	520	127	
1678	8	48 33.25	76 31 43.7	496	43	
1679	7½	48 40.55	43 16 12.6	117	50	
1680	8½	48 43.39	27 54 27.1	528	133	
	8	43.42	26.1	112	90	
	8	43.43	25.9	513	58	
	8	43.48	28.0	105	153	
1681	9	48 45.24	26 38 1.8	504	122	dpl. III. n. pr.
1682	8½	48 49.52	23 42 18.2	82	52	
	8	49.70	19.1	154	29	
1683	9	48 51.18	56 28 7.1	522	123	
1684	9	48 52.02	63 22 35.8	148	24	
1685	9	48 52.57	66 46 24.6	526	117	
	9	53.11	22.0	89	103	
1686	9½	48 53.19	29 11 14.7	135	152	
	9	53.28	14.5	528	134	
1687	10	48 56.24	32 39 28.7	108	76	
1688	7½	48 58.33	38 21 0.6	498	114	
1689	8½	48 58.82	27 15 40.5	513	59	
	8½	58.94	40.1	105	152	
1690	9	48 59.49	31 57 5.1	530	48	
1691	9	49 1.07	27 8 32.7	504	123	
	9	1.23	33.7	105	151	
1692	8½	49 4.67	67 55 32.2	151	16	
1693	9	49 5.42	35 55 58.1	124	72	
1694	9	49 6.28	27 44 50.6	105	154	
	9	6.29	49.5	112	91	
1695	9	49 13.83	55 49 30.6	522	125	
1696	8½	49 14.15	27 45 38.9	105	155	
1697	8	49 15.18	23 42 27.3	154	28	
	8	15.32	27.4	82	53	
1698	9	49 19.13	32 12 21.5	530	49	
1699	9	49 20.84	46 50 18.2	524	138	
	9	20.96	20.4	515	25	
	9	21.00	19.1	145	81	
	9	21.08	19.6	166	5	
1700	8½	49 29.37	26 55 59.6	112	92	
	8	29.44	61.8	513	61	
1701	7½	49 33.00	35 36 50.6	124	71	
1702	9½	49 33.19	74 7 57.5	121	25	
1703	9	49 34.82	23 43 45.8	82	54	
	9	34.98	45.4	154	30	
1704	9	4 49 38.37	31 23 4.7	531	83	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1705	8½	4 49 42.22	59 12 51.1	94	40	
1706	8	49 42.38	25 51 18.9	521	125	
	8	42.38	19.8	513	60	
	8½	42.38	18.5	504	124	
1707	9	49 42.64	51 0 25.2	533	30	
1708	10	49 44.80	29 9 40.1	135	154	
1709	8	49 44.81	29 5 7.9	135	153	
	8	44.96	8.3	528	136	
1710	7	49 46.07	38 22 0.0	498	115	
1711	9	49 49.70	29 13 25.4	135	155	
	9½	49.96	26.3	528	137	
	9	50.00	24.2	528	135	
1712	9	49 50.02	52 26 11.4	520	128	
1713	9½	49 51.57	65 23 33.9	526	118	
1714	8½	49 54.18	54 31 51.8	520	130	
	8½	54.56	51.7	522	124	
1715	9½	49 55.48	38 54 19.2	115	48	
	9	55.57	19.1	498	117	
	9½	55.58	15.9	759	102	
	9½	55.76	16.9	158	5	
1716	9	49 56.17	29 45 46.7	528	138	
1717	8	49 56.49	31 37 35.8	108	77	
	8	56.51	34.3	531	84	
1718	8½	49 56.93	70 28 9.1	151	15	
1719	8	49 57.48	23 36 5.6	154	31	
	8½	57.51	5.1	82	55	
1720	8	49 58.91	55 54 11.4	522	126	
1721	8½	50 0.06	43 13 3.1	117	51	
1722	9	50 5.35	38 54 32.2	115	47	
	9	5.44	31.8	759	103	
	9	5.56	30.9	158	6	
	9	5.64	32.0	498	116	
1723	8½	50 5.39	42 35 53.3	74	54	
1724	9	50 6.32	47 13 36.6	515	26	
1725	9	50 12.45	78 14 17.7	496	47	
1726	9	50 14.06	76 31 16.1	496	45	
1727	9	50 17.50	42 19 50.1	74	55	
1728	8	50 17.85	30 29 16.4	135	156	
	7½	18.08	15.7	531	85	
1729	8½	50 21.83	39 17 30.3	158	7	
	8	21.86	31.7	115	49	
	8	21.88	32.1	759	104	
1730	9½	50 21.92	36 26 20.3	124	73	
1731	6½	50 23.27	25 55 45.0	504	125	
	7	23.41	43.4	521	126	
	7	23.42	46.0	513	62	
1732	8	50 23.95	23 26 49.2	82	56	
	7½	24.03	47.7	154	32	
1733	8½	50 28.33	58 2 2.2	94	41	
1734	9½	50 30.35	30 59 51.6	108	78	
1735	8½	50 37.91	74 49 30.1	121	26	
1736	8½	50 39.55	57 24 16.3	94	42	
1737	8	50 40.37	52 31 59.4	520	129	
1738	9	50 43.32	44 57 41.8	117	52	
1739	8	50 43.41	28 45 21.5	105	156	
	8	43.56	21.0	112	94	
	8	43.73	18.8	528	139	
1740	6½	50 43.58	39 49 50.6	115	50	
	6½	43.69	48.8	759	105	
	6½	43.70	48.2	158	8	
1741	8½	50 46.41	41 53 34.8	74	56	
1742	8	50 47.61	60 50 26.7	148	27	
1743	8½	50 48.86	35 2 39.5	139	131	
	9	48.97	39.8	124	74	
1744	8	4 50 50.16	27 54 11.8	513	63	
	8½	50.19	12.7	525	140	
	8½	50.21	13.2	112	93	
	8	50.33	14.4	105	157	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
1745	9	4 50 50.80	79 20 39.8	496	48
1746	8½	50 53.60	23 15 14.2	82	57
	8½	53.76	15.0	154	33
1747	9	50 55.49	61 44 40.8	148	25
1748	9	50 59.30	35 49 20.3	124	75
1749	9	50 59.46	30 31 11.4	135	157
	8½	59.98	10.7	531	86
1750	9	51 0.12	24 20 36.4	521	128
1751	9	51 4.43	41 52 45.6	74	57
1752	9½	51 5.94	38 47 47.2	498	118
1753	8½	51 7.70	23 50 4.9	82	59
	8	8.07	1.7	521	127
1754	9	51 9.59	39 57 31.7	158	10
	8½	9.63	33.6	759	107
1755	9½	51 10.08	45 4 34.6	117	53
1756	9	51 10.29	46 34 5.1	524	139
	9	10.41	6.6	166	6
1757	8½	51 11.84	23 29 15.4	82	58
	8	11.87	15.1	154	34
1758	8½	51 13.67	41 0 58.6	74	58
	8	13.95	56.7	158	11
1759	8	51 14.53	39 57 25.4	115	51
	8	14.84	20.8	158	9
	8	14.85	22.6	759	106
1760	9½	51 15.95	29 39 38.2	528	141
1761	9½	51 17.34	25 50 20.9	504	126
	9	17.60	22.0	521	130
1762	9	51 18.28	77 14 10.1	496	46
	9	18.35	8.4	496	49
1763	8	51 22.55	57 31 60.3	94	43
	8	22.55	58.9	522	127
1764	9½	51 27.39	23 50 33.7	82	60
1765	8½	51 27.84	61 35 10.4	148	26
1766	9	51 28.40	51 17 57.7	502	3
	8½	28.48	57.8	533	31
1767	9½	51 32.56	31 47 20.3	108	79
	9	32.60	18.0	531	87
1768	9½	51 33.73	61 1 49.5	148	28
1769	9	51 35.79	30 26 3.1	135	158
1770	7	51 36.74	68 16 35.7	151	17
1771	8	51 37.02	70 2 14.1	151	20
1772	8½	51 37.30	24 17 57.8	521	129
1773	8	51 39.00	52 43 25.1	520	131
1774	9	51 40.53	43 40 6.3	117	54
1775	9	51 42.44	63 24 20.1	89	104
1776	9½	51 45.58	30 33 14.8	135	159
1777	8½	51 48.26	31 54 14.4	531	88
	8	48.28	17.2	108	80
1778	9½	51 48.37	68 38 43.6	151	19
1779	9	51 49.54	32 45 52.2	530	50
1780	9	51 51.77	26 52 16.0	105	158
	9	51.79	14.2	504	127
	8½	51.82	16.4	112	95
1781	8½	51 52.09	68 17 57.5	151	18
1782	9½	51 52.15	65 38 19.9	526	119
1783	8	51 55.11	39 8 14.2	498	119
1784	9	51 55.59	41 38 6.6	74	59
1785	8	51 56.18	50 8 33.8	533	32
	8	56.29	33.9	502	2
1786	9	51 58.76	53 6 52.0	520	132
1787	9	52 0.09	28 11 44.0	105	159
1788	9	52 7.65	33 35 42.1	169	1
	9½	7.68	41.5	139	132
	9	7.70	40.3	530	51
1789	9	52 8.52	61 3 44.6	148	29
1790	7½	52 8.57	63 49 3.5	89	105
1791	9	52 9.24	57 45 1.1	94	44
1792	10	4 52 10.78	36 36 50.8	124	76
1793	9½	4 52 15.10	46 49 40.0	524	140
	9½	15.22	38.8	145	82
	9½	15.26	38.9	515	27
1794	9	52 17.39	33 39 36.9	139	133
	8½	17.44	37.2	530	52
	8½	17.53	36.6	169	2
1795	9	52 17.45	25 9 37.7	504	128
	9½	17.48	37.7	521	132
1796	8	52 28.12	33 29 59.5	530	53
	8	28.17	60.1	169	3
	8½	28.22	60.1	139	134
1797	9½	52 28.21	37 29 36.5	498	120
1798	8½	52 29.38	60 8 37.6	94	45
1799	7½	52 29.38	54 37 42.2	520	133
	7½	29.48	43.6	522	128
1800	8½	52 30.05	33 21 24.0	169	4
	8	30.19	22.8	530	54
	9	30.26	25.0	139	135
1801	9½	52 34.93	29 21 23.2	528	142
1802	9	52 35.86	67 21 8.8	526	120
1803	9	52 40.09	46 38 47.6	166	7
	9	40.10	47.5	524	141
	9	40.17	46.1	145	83
1804	8	52 40.18	52 10 40.9	533	33
	8	40.29	41.0	502	4
1805	8	52 40.47	25 15 14.1	504	129
	8	40.72	15.7	521	133
1806	9	52 41.01	39 38 45.6	158	13
1807	9½	52 42.13	28 20 2.7	528	143
1808	9½	52 42.82	29 42 51.4	135	160
1809	7½	52 43.05	43 37 42.4	117	55
1810	9	52 43.90	24 26 24.1	521	131
	8½	43.95	23.9	82	62
1811	9	52 45.14	22 59 48.0	82	61
1812	8½	52 45.28	42 57 29.4	74	60
1813	9½	52 47.63	46 44 13.5	524	142
	9½	47.75	12.1	166	8
	9½	47.85	10.3	145	84
1814	8½	52 48.30	40 2 60.5	115	52
	9	48.40	59.0	158	12
1815	8½	52 49.82	60 36 46.6	148	30
1816	6½	52 50.07	58 44 53.1	94	46
1817	9½	52 51.72	36 1 25.7	124	77
1818	8	52 59.06	42 10 43.3	74	61
1819	9	53 1.13	38 5 7.1	498	121
1820	9	53 1.91	27 21 55.1	513	64
	9	2.06	56.5	112	96
1821	7½	53 2.78	44 23 19.1	117	56
1822	7½	53 5.48	33 15 40.9	530	55
	8½	5.53	41.2	139	136
	7½	5.58	41.9	169	5
1823	9	53 7.23	57 37 24.8	522	129
1824	9½	53 7.42	30 25 38.9	135	161
1825	9	53 8.00	69 36 18.2	151	21
1826	8	53 9.19	46 43 44.6	166	9
	8	9.20	43.4	524	143
	8	9.31	44.2	145	85
1827	8½	53 10.79	51 14 17.2	502	5
1828	8½	53 11.37	59 18 35.8	94	47
1829	8½	53 11.39	52 44 35.7	520	135
1830	9	53 13.07	28 13 42.0	513	66
	9	13.08	42.4	105	160
	9	13.20	42.4	528	144
1831	8	53 14.15	35 5 10.6	169	6
	8	14.23	10.8	124	79
1832	9½	53 15.31	33 0 22.6	139	138
	9	15.39	19.2	108	81
1833	9	4 53 16.85	35 23 0.2	124	78

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
1834	9½	4 53 17.40	26 8 35.7	521	134
1835	9½	53 18.59	51 38 12.7	533	35
1836	9	53 18.85	25 13 45.1	504	130
1837	9	53 18.86	64 2 6.3	89	106
1838	7	53 19.41	66 52 29.0	526	121
	7	19.48	30.5	151	22
	7	19.89	29.8	89	108
1839	9½	53 22.70	48 37 38.5	515	29
1840	9	53 24.13	43 39 32.4	117	57
1841	9	53 24.58	54 4 7.2	520	134
1842	8½	53 25.97	50 2 30.5	502	8
1843	8½	53 26.52	46 53 57.0	524	144
	9	26.65	54.6	515	28
	9	26.71	55.7	166	10
	9	26.73	56.0	145	86
1844	9	53 27.19	31 9 6.6	135	163
	8½	27.37	6.6	531	89
	9	27.51	7.6	108	83
1845	9	53 29.41	27 7 7.6	504	131
1846	9	53 30.64	30 36 29.3	135	162
	8½	31.04	29.5	531	90
1847	8½	53 31.75	33 1 10.4	139	137
	8½	31.79	11.3	108	82
1848	9½	53 36.39	24 23 48.5	82	63
	9½	36.53	48.7	521	135
1849	8	53 36.46	51 38 47.2	502	6
	7½	36.54	47.8	533	34
1850	7½	53 38.11	29 4 44.4	174	1
1851	8½	53 39.45	28 11 25.5	105	161
	9	39.53	27.2	112	98
	9	39.53	26.7	528	146
1852	8½	53 40.87	27 37 46.8	112	97
	8	40.98	45.6	513	65
1853	9	53 41.21	50 41 53.6	502	7
1854	9	53 41.28	28 15 34.3	112	99
	8½	41.28	35.2	105	162
	9	41.36	34.2	528	145
1855	8½	53 46.11	43 13 24.0	117	58
1856	9	53 46.57	33 38 46.5	530	56
1857	8½	53 49.21	42 30 38.8	74	62
1858	9½	53 51.38	31 18 54.0	108	84
1859	9½	53 51.46	31 49 42.9	530	58
1860	9	53 53.05	49 9 57.0	515	30
1861	9	53 54.31	31 49 59.3	530	57
1862	7½	53 55.46	56 37 19.7	522	130
1863	8	54 1.85	53 2 37.3	520	137
1864	8½	54 2.55	49 48 47.4	533	36
1865	9½	54 2.68	54 48 19.1	522	131
1866	9½	54 5.55	40 44 49.6	158	14
1867	8½	54 6.45	41 44 24.2	74	63
1868	9	54 7.77	28 13 7.3	112	100
	9½	8.03	2.1	528	147
1869	9	54 8.41	47 27 55.3	515	31
1870	9	54 11.42	45 20 24.0	166	11
	9	11.43	23.4	145	87
1871	7½	54 11.95	28 37 55.5	105	163
	8	11.95	54.7	528	148
1872	9½	54 12.40	38 1 32.3	498	122
1873	9	54 13.20	59 16 14.8	94	48
1874	8	54 16.72	64 9 16.4	526	122
	8	16.81	15.2	89	107
1875	10	54 16.82	60 36 46.3	148	31
1876	9	54 20.40	60 33 28.1	148	32
1877	9	54 20.65	71 46 35.2	121	27
1878	9	54 21.38	67 28 57.7	151	23
1879	8½	54 24.01	59 17 8.3	94	49
1880	8½	54 25.60	41 50 19.2	74	64
1881	8½	4 54 27.28	41 5 49.5	74	65
	9	27.41	49.0	158	15
	9	27.54	50.8	115	53
1882	8½	4 54 28.28	25 33 26.7	521	136
	8½	28.53	27.3	504	132
1883	9½	54 30.25	59 15 22.8	94	50
1884	8	54 30.80	56 34 55.5	522	132
1885	9½	54 32.79	52 20 15.9	536	1
	9½	33.05	17.3	520	136
1886	9	54 36.30	45 1 7.0	145	88
	8½	36.32	8.3	166	12
	9	36.34	9.4	524	145
1887	9	54 36.61	27 47 54.1	513	67
	8½	36.77	55.2	105	164
1888	7	54 36.68	32 25 46.1	108	86
	7	36.71	44.3	530	59
1889	9	54 36.73	29 31 25.8	135	164
	9	36.91	27.8	528	149
	8½	37.06	27.0	174	2
1890	9	54 36.92	26 3 19.0	504	133
1891	8	54 37.23	55 48 16.2	522	133
1892	9½	54 38.67	53 13 20.4	536	2
1893	8	54 40.18	44 46 4.4	117	62
1894	9	54 42.32	27 15 21.1	105	165
1895	10	54 45.57	33 9 49.2	139	139
1896	8	54 49.09	25 14 34.0	504	134
	7½	49.20	36.3	521	137
1897	9	54 49.91	35 51 35.7	124	82
	9	49.93	35.7	124	80
1898	7½	54 49.96	50 45 58.3	502	9
1899	9	54 54.43	41 7 14.7	74	66
	9	54.54	14.5	115	54
	9½	54.63	12.0	158	16
1900	8½	54 56.75	53 35 12.2	520	138
1901	7	54 58.08	37 3 48.7	498	123
	7	58.16	47.3	124	81
1902	7½	55 2.19	58 15 54.1	94	51
1903	9½	55 3.34	72 38 58.4	121	29
1904	9	55 3.93	29 3 22.9	135	166
	8½	4.34	22.8	528	151
1905	8½	55 3.94	29 45 51.0	135	165
	8½	4.07	50.1	528	150
	7½	4.15	50.7	174	3
1906	9½	55 4.33	32 15 52.1	530	60
	9½	4.49	52.1	108	85
1907	9	55 4.79	28 1 17.1	112	101
1908	7½	55 5.71	43 53 4.6	117	60
1909	8	55 6.55	43 43 51.1	117	59
1910	8	55 7.75	45 28 49.1	145	89
	7½	7.79	49.6	166	13
	8	7.79	48.4	524	146
1911	9	55 7.91	54 0 26.7	536	3
	9	7.92	28.7	520	139
1912	8½	55 8.31	44 51 59.9	117	63
	9	8.38	61.2	524	147
	8½	8.48	62.7	166	14
1913	7½	55 8.79	43 34 46.0	117	61
1914	7	55 11.18	72 36 52.7	121	28
1915	9½	55 11.83	34 18 34.5	139	140
1916	10	55 13.16	23 39 16.8	82	64
1917	9	55 16.89	47 30 41.9	515	32
1918	9½	55 18.44	40 16 35.9	158	17
1919	8½	55 20.03	55 42 5.7	522	134
1920	9½	55 20.64	32 35 8.7	108	87
1921	9	55 20.83	49 25 13.6	533	37
1922	8½	55 21.82	64 46 28.8	526	123
1923	7½	55 26.84	34 21 12.4	169	7
1924	8	55 27.46	36 48 37.1	124	83
1925	8½	55 27.99	31 52 56.4	530	62
	8½	27.99	57.8	531	91
1926	8½	55 28.30	62 38 36.0	148	33
1927	9½	4 55 29.21	23 55 5.0	82	65
	9½	29.26	3.6	521	138

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1928	8½	4 55 35.24	37 0 12.4	498	124	
	9	35.47	12.5	124	84	
1929	10	55 37.92	32 32 6.8	108	88	
1930	9½	55 38.70	24 13 1.3	521	139	
1931	9½	55 40.09	72 36 6.1	121	31	
1932	8	55 40.63	31 59 57.3	530	61	
	8	40.65	58.4	531	92	
1933	9	55 42.67	27 7 46.5	504	135	
1934	7½	55 43.37	72 57 38.1	121	30	
1935	9	55 45.14	27 40 2.9	105	166	
1936	9	55 46.12	49 55 22.7	502	11	
1937	8	55 52.09	54 21 26.2	520	140	
	7½	52.23	27.6	522	136	
	8	52.33	25.3	536	4	
1938	8	55 52.33	58 9 22.9	94	52	
1939	9	55 53.74	35 56 18.6	124	85	
1940	9	55 53.78	38 10 48.1	498	125	
1941	8½	55 56.31	50 19 45.9	533	38	
	8½	56.33	45.9	502	10	
1942	9½	55 56.82	76 6 40.0	496	50	
1943	7½	55 58.33	58 23 49.7	94	53	
1944	9	56 1.60	61 28 58.5	148	34	
1945	8½	56 1.87	55 39 35.0	522	135	
1946	9½	56 1.99	40 54 4.5	74	67	
1947	8	56 4.04	41 14 3.3	74	68	
1948	9½	56 5.00	23 53 36.2	82	66	
1949	8	56 8.58	80 0 39.4	496	51	
1950	8½	56 8.82	43 28 50.7	117	64	
1951	9½	56 9.73	66 49 55.1	526	124	
1952	7½	56 14.03	49 38 39.0	502	12	n. pr.
	7½	14.16	40.0	515	34	
1953	9	56 15.31	49 38 43.2	502	13	s. sq.
	9	15.32	42.4	515	33	
1954	9	56 16.97	26 56 37.5	112	102	
1955	8½	56 19.05	35 11 9.3	124	86	
	8½	19.09	7.0	169	8	
1956	8	56 22.90	39 52 14.3	158	18	
1957	8	56 24.25	49 18 34.8	533	39	
	8½	24.27	36.1	515	35	
1958	9½	56 26.21	30 15 30.7	135	169	
1959	9½	56 26.67	30 16 20.3	135	168	
1960	9	56 26.96	26 8 4.3	521	140	
1961	9	56 28.49	31 49 49.3	108	90	
	9	28.72	48.9	530	63	
1962	6	56 28.67	65 12 24.2	177	1	
	7½	28.68	23.7	526	125	
	7½	29.03	23.0	89	109	
1963	9	56 30.70	56 3 34.5	522	137	
1964	9½	56 32.69	23 44 20.3	82	67	
1965	8½	56 33.42	31 51 19.8	108	89	
	9	33.45	17.7	530	64	
1966	9½	56 35.28	68 30 46.4	151	24	
1967	7½	56 35.83	31 34 38.1	531	95	
1968	8	56 38.31	59 19 3.1	94	54	
1969	8	56 38.27	30 24 59.8	135	167	
	8	38.37	61.5	174	4	
	7½	38.41	60.0	531	93	
1970	9	56 38.97	45 25 38.2	145	90	
	9	39.07	38.8	524	148	
1971	8½	56 47.28	31 35 17.6	531	94	
1972	9	56 47.92	41 12 9.0	74	69	
1973	9	56 53.28	27 27 54.2	105	167	
1974	9	56 56.35	48 35 11.7	515	36	
1975	8	56 57.90	42 11 9.7	74	70	
	8	57.96	12.5	74	72	
1976	9	56 58.11	50 24 24.1	502	14	
	9	58.18	23.7	533	40	
1977	9	4 57 2.27	46 50 18.9	145	91	
	8½	2.29	20.2	524	149	
	9	2.52	19.0	166	15	
1978	5	4 57 4.82	26 27 12.3	504	136	
	5½	4.84	13.1	513	68	
1979	9½	57 6.47	44 56 39.3	117	65	
1980	9	57 7.29	64 47 7.8	526	126	
	9	7.65	9.5	89	112	
1981	8	57 12.25	44 59 42.3	117	66	
	8½	12.50	42.7	166	16	
1982	9½	57 12.73	23 56 43.5	82	69	
1983	9	57 13.00	79 33 21.5	496	52	
1984	8½	57 13.13	28 14 37.4	105	169	
	9	13.37	36.6	528	152	
1985	8	57 13.24	39 6 10.7	498	126	
	8	13.46	9.0	158	19	
1986	8½	57 13.99	23 57 50.6	82	68	
	9	14.25	50.7	521	141	
1987	9½	57 15.64	28 15 25.4	528	153	
	8½	15.72	27.0	105	168	
1988	8	57 16.06	52 2 32.0	536	5	
	8	16.34	31.6	520	141	
	8	16.44	30.4	502	16	
	8	16.55	31.1	533	42	
1989	9½	57 16.23	22 57 16.0	82	71	
1990	8	57 18.83	63 23 53.5	177	2	
	9	18.93	51.8	148	35	
1991	9	57 19.15	38 0 35.7	498	127	
1992	9½	57 19.23	42 10 4.2	74	71	
1993	9½	57 21.13	46 35 31.0	524	150	
	9½	21.31	30.8	145	92	
1994	7	57 21.91	31 31 41.2	531	96	
1995	9	57 24.88	61 17 9.7	148	36	
1996	6½	57 25.01	39 54 2.1	158	20	
1997	9	57 28.12	32 19 37.1	530	65	
	9	28.16	38.9	108	93	
1998	6	57 28.46	22 58 31.6	82	70	
1999	8	57 32.01	37 9 24.2	498	129	
	7½	32.14	25.7	124	87	
	7½	32.16	25.9	178	1	
2000	9	57 33.61	51 14 1.1	502	15	
	9	33.79	0.9	533	41	
2001	9½	57 33.79	24 57 37.4	521	142	
2002	9	57 34.24	31 52 35.3	530	67	
	9½	34.30	34.0	108	91	
	9	34.31	33.9	531	98	
2003	8½	57 34.96	37 13 16.2	498	128	
2004	8½	57 38.55	46 7 5.6	145	93	
	8½	38.58	7.0	524	151	
2005	6½	57 39.03	31 57 15.1	531	97	
	6½	39.06	15.9	108	92	
	6½	39.28	14.0	530	66	
2006	9	57 39.77	48 23 35.4	515	37	
2007	8½	57 39.82	26 48 44.6	105	170	
	9	39.83	44.1	504	137	
	9	39.96	45.6	513	69	
2008	9	57 44.48	64 8 34.1	89	111	
2009	9½	57 46.06	46 12 14.6	524	152	
2010	9½	57 46.67	30 19 33.9	135	170	
2011	8½	57 47.79	39 15 32.2	158	21	
2012	7½	57 52.91	45 0 32.7	166	17	
	7½	53.19	31.5	117	67	
2013	8½	57 56.41	70 58 16.7	121	32	
	9	56.54	15.9	151	26	
2014	9½	58 0.25	66 26 43.9	526	127	
2015	9	58 1.87	25 9 43.6	504	138	
	9	1.93	44.4	521	143	
2016	9½	58 2.14	45 50 1.3	145	95	
	9½	2.50	2.1	166	18	
2017	9	58 2.75	29 58 45.5	135	171	
	9	2.93	46.1	528	154	
	9	2.96	47.6	174	5	
2018	8	4 58 4.31	57 47 29.5	94	55	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
2019	8½	4 58 5.62	33 19 27.7	530	69
	8½	5.64	28.2	169	9
2020	9½	58 5.66	26 55 11.3	105	171
2021	9	58 5.87	43 10 58.6	117	68
2022	9	58 6.15	33 19 58.2	530	70
	9	6.21	60.8	169	10
2023	10	58 11.62	36 3 7.5	124	88
2024	9½	58 12.12	32 12 46.0	108	94
	9	12.18	45.0	530	68
	8½	12.19	46.9	108	95
	8½	12.32	46.2	531	99
2025	8½	58 12.36	49 45 26.9	502	17
2026	9½	58 12.99	53 58 51.8	536	6
2027	7	58 14.63	71 6 45.4	121	33
	7½	14.63	42.3	151	25
2028	8½	58 15.98	73 57 12.0	121	34
2029	8	58 19.03	63 23 52.3	89	110
2030	9½	58 19.34	40 15 43.7	158	22
2031	8½	58 19.60	53 11 22.3	520	142
2032	9	58 20.20	56 34 47.5	522	138
2033	9	58 23.15	49 13 39.4	515	38
2034	7½	58 24.94	45 46 45.2	166	19
	8	25.13	44.2	145	94
	8	25.13	44.8	524	154
2035	9½	58 27.20	63 12 44.2	148	37
2036	9	58 27.24	29 5 48.4	135	172
	9	27.41	49.3	528	155
	8½	27.47	50.5	174	6
2037	9½	58 35.03	49 47 27.0	502	18
2038	8	58 35.75	54 11 13.5	520	143
	8	36.03	11.6	536	7
2039	9½	58 37.02	29 5 15.3	135	173
	9½	37.15	14.3	528	156
	9	37.37	15.4	174	7
2040	9	58 37.80	52 14 0.8	520	144
	9	37.82	1.4	536	8
2041	9½	58 42.25	66 54 47.7	89	113
2042	6	58 42.46	24 33 47.5	82	72
	6	42.48	47.0	521	144
2043	8½	58 42.52	50 27 19.6	533	43
2044	9	58 43.11	29 8 40.7	135	174
	9	43.45	39.0	174	8
	9½	43.50	38.4	528	157
2045	6	58 47.43	75 7 39.4	121	35
	6	48.21	39.8	496	53
2046	9	58 48.73	46 41 57.4	145	96
	9	48.84	55.6	524	153
	8½	48.91	57.8	166	20
2047	8	58 49.06	26 4 4.3	521	145
	8	49.09	5.3	504	139
	7½	49.20	6.2	513	70
2048	9	58 53.28	62 27 35.8	148	39
2049	9½	58 54.75	76 20 28.5	496	54
2050	9	4 58 56.43	28 40 13.9	539	2
2051	8	4 58 56.78	41 47 9.1	74	74
2052	8½	58 57.00	27 50 7.2	105	173
	8½	57.02	6.8	105	172
	8½	57.05	5.9	539	1
2053	9	58 58.96	33 59 51.5	169	11
2054	9½	59 0.64	24 5 58.7	82	73
2055	8½	59 1.23	55 0 1.7	522	139
2056	9½	59 2.11	32 9 15.6	108	96
	8½	2.13	14.3	530	71
2057	9	59 6.81	29 59 19.1	135	175
	8	7.24	18.0	531	100
	9	7.29	19.6	528	158
2058	9½	59 7.34	43 21 43.3	117	69
2059	9	59 7.87	61 50 45.9	148	38
2060	8½	59 10.08	41 53 49.2	74	75
2061	9	59 10.16	41 31 6.3	74	73
2062	9	59 11.63	70 19 58.4	151	27
2063	9	59 13.16	45 8 15.8	117	71
2064	8	59 14.73	44 59 43.2	117	70
	8	14.74	43.6	524	156
2065	8½	59 15.41	50 30 43.2	533	44
2066	9½	59 19.69	41 45 40.3	74	76
2067	9	59 20.19	26 12 45.3	504	140
2068	8	59 23.60	50 37 23.8	533	45
2069	9½	59 27.19	45 42 55.7	524	155
2070	8½	59 28.60	63 48 37.9	526	128
2071	6	59 32.64	49 19 44.4	515	39
2072	8½	59 35.32	58 41 51.9	94	56
2073	9½	59 40.84	39 26 15.5	158	23
2074	9	59 42.43	78 20 13.3	496	55
2075	8	59 42.98	50 57 49.7	533	47
2076	7½	59 43.56	49 52 54.4	502	19
2077	6	59 45.65	64 34 20.0	177	3
	7½	45.73	18.4	526	129
	7½	46.11	18.4	89	114
2078	8	59 47.19	78 35 34.2	496	56
2079	9½	59 47.34	39 10 38.3	498	130
2080	8½	59 47.84	40 46 48.4	158	24
2081	9	59 49.43	32 15 39.4	530	72
2082	9	59 51.06	23 37 9.9	82	74
2083	6½	59 54.10	41 55 29.1	74	77
2084	5	59 54.72	35 39 19.1	124	89
	5	54.73	19.7	507	1
	4	54.77	17.6	178	2
2085	7½	59 55.13	56 16 57.5	522	140
2086	9	59 55.14	49 49 22.5	502	20
2087	8½	59 55.95	45 59 41.1	145	97
	8½	55.97	43.1	524	158
2088	9	59 57.32	30 55 1.2	174	9
2089	7	59 58.55	35 52 48.5	178	3
	7	58.59	47.3	124	90
2090	8	4 59 59.42	31 55 18.2	530	73
	8	59.50	17.2	531	102

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HORA V.

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1	7½	5 0 0.86	49 40 6.7	502	21	
	7	1.35	5.3	533	48	
	8	1.44	5.6	515	40	
2	7½	0 3.31	50 29 47.7	533	46	
3	8½	0 3.31	25 21 52.3	504	141	
	8½	3.57	50.5	521	146	
4	8½	0 9.86	25 40 44.4	504	142	
5	6	0 11.75	26 19 19.0	504	143	
	6	11.83	20.1	513	71	
6	9½	0 12.09	37 32 3.6	498	131	
7	9	0 15.25	55 50 51.9	522	142	
8	8½	0 15.35	23 49 10.0	82	75	
	8	15.35	10.1	521	147	
9	9	0 15.71	38 42 48.4	498	132	
10	9	0 16.81	40 43 42.8	158	25	
11	9½	0 18.73	63 15 20.1	148	40	
12	8½	0 19.12	45 22 57.5	524	157	
13	9	0 19.59	23 28 1.6	82	76	
14	9	0 20.14	54 16 23.2	520	146	
15	9	0 21.57	68 45 44.3	151	28	
16	9	0 22.72	55 58 20.1	522	141	dpl. I.
17	9	0 23.16	26 17 37.5	504	144	
18	9½	0 27.58	47 45 36.0	515	41	
19	8½	0 29.02	31 22 11.0	108	97	
	8½	29.03	8.1	531	103	
	8½	29.17	7.4	531	101	
20	8½	0 38.66	52 52 38.2	536	9	
	8½	38.72	39.6	520	145	
	8½	38.76	39.6	520	147	
21	9	0 46.12	65 43 52.2	526	130	
	8½	46.23	53.4	89	115	
22	8½	0 49.54	40 44 35.7	158	26	dpl. II.
23	9	0 49.85	72 18 21.3	121	37	
24	8½	0 50.64	45 7 12.7	524	159	
	8½	50.85	13.4	166	21	
25	9	0 50.78	27 41 33.8	105	174	
26	8½	1 0.38	27 44 46.4	105	175	
27	9½	1 0.52	71 2 17.6	121	36	
28	8½	1 3.04	44 20 21.6	117	72	
29	8½	1 4.36	32 46 7.2	530	74	
	9	4.61	7.9	108	98	
30	9	1 4.45	44 38 42.2	117	73	
31	9	1 5.74	25 28 32.2	521	150	
	8½	5.86	32.3	521	148	
32	8½	1 6.52	26 39 27.5	504	145	
	8	6.70	29.2	513	72	
33	8½	1 9.16	56 20 27.6	522	143	
34	9½	1 9.19	49 50 32.7	533	50	
	9½	9.54	33.0	502	22	
35	9	1 9.46	44 36 54.4	117	74	
36	8	5 1 9.94	49 47 6.0	533	49	
	8½	9.97	5.0	502	23	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
37	9½	5 1 11.79	31 9 37.0	531	104	
38	9	1 13.60	38 4 10.9	498	133	
39	9½	1 14.56	69 31 40.1	151	31	
40	9½	1 17.97	23 7 30.9	82	77	
41	9½	1 19.34	58 41 56.8	94	57	
42	8½	1 19.45	33 16 55.9	169	12	
	8½	19.67	56.0	530	77	
43	8½	1 19.63	33 13 14.2	169	13	
	8½	19.71	12.1	530	76	
44	10	1 19.70	62 5 9.1	148	42	
45	9	1 21.64	25 20 38.9	504	146	
	9	21.76	40.5	510	1	
	9½	21.76	39.2	521	149	
46	8	1 27.26	56 28 35.7	522	144	
47	9½	1 27.34	67 37 27.8	151	29	
	9	27.45	28.1	526	131	
48	8½	1 28.02	33 36 42.2	169	14	
49	8½	1 29.86	58 37 9.3	94	58	
50	8½	1 32.11	42 17 35.9	74	78	
51	9	1 32.25	23 18 10.0	82	78	
52	9½	1 33.78	38 12 46.7	498	135	
53	8½	1 34.13	42 9 26.6	74	79	
54	9½	1 36.31	28 43 40.4	105	176	
	9½	36.43	40.8	539	3	
55	9	1 39.51	45 7 51.8	524	160	
	9	39.53	52.8	117	75	
	9½	39.62	52.8	166	22	
56	9½	1 39.84	25 18 20.6	504	147	
57	10	1 41.18	39 33 2.4	158	27	
58	5½	1 43.53	49 44 53.1	502	24	
	5½	43.63	52.0	533	51	
59	8½	1 45.49	38 7 49.0	498	134	
60	9	1 47.09	65 4 45.6	526	133	dpl. IV. n. sq.
61	9	1 51.05	68 12 16.2	151	30	
62	9	1 52.11	61 35 11.3	148	41	
63	9	1 52.22	32 53 34.7	108	99	
	9	52.33	34.1	530	75	
64	8	1 52.72	35 11 39.9	169	15	
	8½	52.86	42.3	124	91	
	8	52.87	42.4	178	4	
	8	52.89	40.6	507	2	
65	9½	1 52.75	70 52 33.0	151	34	
66	9	1 55.99	42 48 19.0	74	80	
67	8	1 56.31	52 20 57.3	536	10	
	8	56.41	57.4	520	148	
68	8½	1 57.43	70 48 3.2	151	33	
69	9	1 57.57	38 18 20.8	498	136	
70	9½	1 59.74	23 10 52.3	82	79	
71	9	2 1.15	47 16 52.2	515	43	
72	9½	2 1.61	23 21 15.0	82	80	
73	9½	2 2.04	27 25 25.3	105	178	
74	9	5 2 3.24	73 15 36.1	121	39	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
75	9	5 2 6.34	27 15 39.9	105	177	
76	7½	2 11.07	44 56 46.5	524	161	
	7½	11.18	48.5	117	76	
	8	11.19	50.1	166	23	
77	9½	2 17.52	47 57 42.1	515	42	
78	7	2 18.26	63 22 41.2	177	4	
	8½	18.64	41.0	148	43	
79	9½	2 18.29	66 53 24.4	526	132	
80	9½	2 19.89	25 48 59.5	521	152	
81	9	2 23.29	51 36 24.8	533	52	
	8½	23.30	23.5	502	25	
82	6½	2 24.05	54 34 37.1	536	12	
83	8½	2 25.20	69 40 9.8	151	32	
84	9	2 25.58	23 26 23.8	82	81	
85	8½	2 27.23	78 48 50.5	496	57	
86	8½	2 29.60	31 28 32.6	531	105	
	9	29.87	33.7	108	100	
87	8	2 31.15	37 21 10.4	498	138	
88	9	2 31.33	26 57 14.4	504	150	
	9	31.58	13.4	513	73	
89	8½	2 32.07	64 42 24.4	89	116	
90	8½	2 32.60	25 12 48.0	521	151	
	8½	32.60	47.5	504	148	
	8½	32.71	50.2	510	2	
91	8	2 36.45	48 50 45.8	515	44	
92	8½	2 38.98	41 56 10.7	74	81	
93	9	2 39.75	53 26 40.0	536	11	
	9½	39.93	40.3	520	149	
94	9½	2 40.23	35 35 47.5	124	92	
95	8½	2 43.11	72 37 57.9	121	38	
96	8	2 43.45	57 50 32.1	94	59	
97	8	2 44.64	29 8 30.6	105	179	
	8	44.72	30.1	539	4	
	8	44.82	31.8	174	10	
98	9½	2 47.65	25 46 53.3	521	153	
99	8½	2 47.93	37 51 54.8	498	137	
100	9	2 50.26	42 6 8.6	74	82	
101	10	2 52.05	39 48 56.8	158	28	
102	8	2 58.61	26 57 35.2	504	149	
	8	58.72	35.4	513	74	
103	8½	3 3.45	34 9 28.9	169	16	
	9	3.58	30.0	530	78	
104	8	3 3.73	56 56 55.4	522	145	
105	8	3 11.66	57 21 44.9	94	60	
	7½	11.83	42.2	522	146	
106	9	3 17.41	26 54 14.0	504	151	
	8½	17.63	13.4	105	181	
	9	17.68	12.8	513	75	
107	7½	3 21.29	65 10 54.0	177	5	
	8	21.47	53.1	526	134	
	8½	21.48	53.0	89	117	
108	5	3 22.08	57 38 39.7	94	61	
	5	22.39	36.4	522	147	
109	9	3 23.94	29 20 53.0	539	5	
110	8½	3 24.31	25 23 8.6	510	4	
111	9½	3 25.20	23 7 53.0	82	82	
112	9	3 25.21	28 56 33.7	105	180	
	9	25.27	34.8	174	11	
	9½	25.28	33.8	539	6	
113	9½	3 29.74	45 38 36.0	524	162	
114	9	3 31.80	25 48 43.9	504	153	
	9	31.99	42.0	521	154	
	9	32.04	43.7	510	5	
	9	32.11	44.9	510	3	
115	8½	3 31.99	42 1 45.9	74	83	
116	8½	3 38.47	51 6 23.8	533	53	
	8½	38.48	22.6	502	26	
117	8½	5 3 39.85	57 43 27.7	94	62	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
118	9	5 3 42.00	79 18 54.3	496	58	
119	7	3 43.60	44 59 9.4	117	77	
	7	43.70	10.0	166	24	
	7	43.74	8.1	524	163	
120	9	3 43.83	25 39 50.0	504	152	
	8½	44.00	48.7	510	7	
	8½	44.01	47.9	521	155	
121	9	3 44.71	39 43 37.3	158	29	
122	7	3 47.94	35 52 49.5	124	93	
	7	47.97	50.1	178	5	
	7	48.04	50.7	507	3	
123	9	3 48.19	52 58 35.3	536	13	
124	9½	3 49.35	29 3 36.3	539	7	
	9	49.49	35.3	174	12	
125	9	3 50.91	34 4 9.3	169	17	
126	8	3 52.02	44 7 59.8	117	78	
127	9½	3 52.58	32 15 32.2	530	79	
128	9½	3 55.70	22 59 21.0	82	83	
129	9	3 56.40	30 19 28.9	531	106	
130	10	3 57.21	30 52 58.9	108	101	
131	9	3 58.81	25 48 22.3	504	154	
	9½	59.00	22.0	510	6	
	9½	59.06	19.1	521	156	
132	9	4 0.39	45 44 12.6	524	164	
133	9	4 2.16	39 9 45.3	498	139	
134	8	4 3.07	64 42 46.7	526	135	
	7½	3.12	48.9	177	7	
	8	3.25	47.0	89	118	
135	8½	4 3.89	56 23 47.2	522	148	
136	9½	4 4.35	45 55 46.5	524	165	
	9½	4.54	45.8	166	26	
137	9½	4 4.97	32 13 11.5	530	80	
138	8½	4 6.55	33 55 28.0	169	18	
	8½	6.55	28.7	530	81	
139	8	4 6.60	58 21 52.9	94	64	
140	8½	4 9.64	33 27 28.3	169	19	
141	8	4 10.87	23 16 41.3	82	84	
142	8	4 13.33	65 55 45.6	177	6	
	9	13.56	47.4	526	136	
143	9½	4 14.03	36 11 17.9	124	94	
144	9	4 14.31	24 56 19.2	504	155	
	9½	14.47	19.8	82	85	
145	8½	4 15.84	72 0 47.5	121	42	
146	8½	4 16.45	28 12 23.0	105	182	
	8½	16.62	24.9	132	1	
147	9	4 17.25	25 22 6.0	521	157	
148	9	4 19.45	46 26 9.2	166	25	
149	6	4 20.15	71 29 4.4	121	41	
150	9	4 20.83	25 32 38.8	521	158	
	9	20.85	41.9	510	8	
151	7½	4 23.52	41 4 27.0	74	84	
	8½	23.71	25.4	158	30	
152	7	4 25.37	74 30 47.2	121	40	
153	9½	4 27.06	63 18 37.1	148	44	
154	7	4 29.28	41 23 5.2	74	85	dpl. IV. sq.
155	9	4 29.81	31 15 11.5	531	107	
	9½	29.95	12.7	108	102	
156	9	4 29.92	57 42 58.4	94	63	
157	9	4 30.24	29 27 30.3	539	8	
	9	30.50	29.7	174	13	
158	9	4 33.05	44 59 3.0	117	79	} dpl.
159	9	4 33.84	44 58 54.5	117	80	
160	8½	4 36.43	54 23 3.9	536	14	
161	8½	4 39.16	55 56 38.3	522	150	
162	9	4 40.23	36 37 30.1	124	96	
163	8½	4 41.78	29 22 41.9	174	14	
	8½	41.79	41.5	539	9	
164	9½	5 4 42.70	36 42 7.0	124	97	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
165	8½	5 4 44.04	35 47 54.5	507	4
	9	44.11	54.3	124	95
166	8½	4 47.27	29 12 50.5	105	183
	9	47.29	50.0	539	10
	9	47.37	51.9	174	15
167	8½	4 49.90	33 1 57.8	169	20
168	7½	4 52.04	49 27 30.9	502	27
	7	52.10	31.6	533	54
	8	52.16	32.3	515	45
169	9½	4 54.51	36 44 57.2	124	98
170	8	4 56.01	53 43 18.4	536	15
171	9	4 59.50	38 22 44.7	498	140
172	9	5 1.14	24 14 17.2	82	86
	9	1.25	15.1	510	9
173	8	5 1.23	60 2 26.6	94	65
174	7½	5 3.58	55 9 7.8	522	151
175	9	5 4.23	56 22 39.4	522	149
176	8½	5 4.23	78 21 43.1	496	59
	8½	4.32	44.2	155	1
177	10	5 4.67	24 15 25.5	82	87
178	8	5 4.97	62 57 50.2	148	45
179	9½	5 8.59	49 54 53.5	533	55
	9	8.76	54.2	502	28
180	8	5 8.92	33 40 42.7	530	82
	7½	8.93	42.8	169	21
181	8	5 10.28	42 10 36.2	74	86
182	9½	5 10.73	25 38 2.8	510	10
183	9½	5 18.75	39 21 44.3	158	31
184	9	5 18.86	34 59 35.5	178	6
185	9½	5 23.51	49 37 1.5	515	47
186	7½	5 24.56	31 30 20.1	531	108
	8	24.57	21.7	108	103
187	9½	5 24.98	52 47 1.6	536	16
188	8½	5 27.67	68 15 3.9	151	38
189	9½	5 29.58	70 50 42.4	151	35
190	8½	5 30.74	33 56 9.9	169	22
	9	30.82	9.5	530	83
191	8½	5 31.05	42 45 35.7	74	87
192	8½	5 36.25	63 18 36.0	148	46
193	9	5 37.18	49 39 3.1	502	29
	9	37.20	3.9	533	56
	9	37.32	3.0	515	46
194	9	5 39.55	27 37 15.0	132	2
195	9	5 39.60	23 43 48.3	82	88
196	6½	5 39.80	26 4 1.6	504	156
	6½	39.96	0.6	510	11
	6½	39.98	2.4	513	76
197	10	5 45.29	23 31 55.2	82	90
198	7½	5 46.05	32 12 57.1	108	104
	8	46.12	57.4	531	109
199	9½	5 48.86	69 52 6.4	151	36
200	9	5 51.00	30 14 29.1	531	110
	9	51.11	27.0	174	16
201	8½	5 53.11	24 36 13.9	510	14
	9	53.11	15.0	510	12
202	9	5 53.34	61 57 58.4	148	48
203	9½	5 54.77	23 33 41.6	82	89
204	7½	5 54.94	44 29 45.7	117	81
205	9	5 55.03	42 46 9.1	74	88
206	7½	5 56.03	49 8 13.4	515	48
207	8½	5 56.43	59 38 20.8	94	66
208	7	5 57.96	40 42 57.8	158	32
209	9	5 58.19	53 23 49.9	536	18
210	8	6 0.43	24 30 13.4	510	13
211	8½	6 1.93	29 54 14.2	539	11
	8½	2.12	14.0	174	17
212	8	6 3.58	66 7 40.3	177	9
	8½	3.85	39.9	526	137
213	9	6 4.67	74 52 13.3	121	43
214	8	5 6 5.51	32 59 44.1	530	84
215	9½	5 6 6.14	32 23 28.9	108	105
	9	6.15	28.3	530	86
216	7½	6 8.04	45 1 50.2	117	82
	8	8.19	50.4	166	27
217	8½	6 8.63	26 51 20.5	504	157
	8½	8.84	22.9	513	77
218	7½	6 10.77	65 32 18.8	177	8
	7½	10.82	20.2	177	11
	8	11.05	20.1	526	138
	7½	11.07	20.6	526	140
219	9	6 12.00	27 41 30.6	132	3
220	9	6 13.17	29 46 33.8	539	12
	9	13.37	32.3	174	19
221	9	6 13.33	52 5 37.7	502	31
	9	13.37	37.0	536	17
	9	13.38	38.6	533	57
222	9½	6 15.00	38 44 8.8	498	141
223	8	6 16.50	57 8 48.8	522	152
	8	16.54	49.9	161	1
224	8½	6 16.63	24 42 22.3	510	15
225	8½	6 17.80	36 25 46.1	124	99
	8	17.89	46.8	178	7
	8	17.92	46.4	507	5
226	8½	6 19.73	62 54 45.7	148	47
227	8½	6 20.07	32 46 9.6	530	85
228	8	6 20.93	29 44 57.3	539	13
	8	21.04	57.7	174	18
229	9	6 21.11	51 13 10.0	533	58
	9	21.29	9.6	502	30
230	9	6 23.01	41 44 49.5	74	89
231	9½	6 25.99	27 41 5.6	132	4
232	8½	6 26.36	27 6 1.4	513	78
233	9	6 26.73	68 34 48.0	151	37
234	9	6 27.80	33 49 55.7	169	23
235	10	6 27.94	41 11 1.9	158	33
236	9	6 28.25	27 50 29.0	539	15
	8½	28.29	29.7	132	5
237	7½	6 28.86	35 3 30.8	507	6
	7½	28.91	30.3	178	8
	7	28.98	27.7	169	24
238	8½	6 29.28	45 0 55.3	117	83
	8½	29.33	57.0	166	28
239	9½	6 30.19	55 9 16.3	522	153
240	9½	6 34.05	49 13 11.4	515	49
241	5	6 35.55	63 33 26.6	177	10
	5½	35.71	26.7	526	139
242	8	6 40.10	32 3 43.2	531	113
243	8	6 40.57	44 58 9.8	117	84
	8	40.65	11.3	166	29
244	7	6 41.16	30 22 44.4	531	111
245	9	6 41.93	25 0 58.7	504	158
	9	41.95	58.8	82	91
246	8	6 43.10	29 42 49.6	174	20
	8½	43.17	49.5	539	14
247	9	6 44.54	54 23 61.9	161	2
	8½	44.57	60.1	536	19
	9	44.59	59.3	522	154
248	8	6 55.40	34 1 55.1	530	88
250	9	6 56.09	24 40 41.0	510	16
251	6½	6 58.07	78 28 9.7	496	61
	6½	58.21	9.8	155	3
252	9	6 58.40	36 37 54.1	124	100
	8½	58.48	53.5	507	8
	8½	58.51	55.1	178	9
253	8½	6 58.87	44 43 57.3	117	85
254	9	6 59.43	26 48 2.7	513	79
255	8	6 59.65	76 47 26.3	155	2
	8	59.67	24.4	496	60
256	8½	5 7 1.18	28 22 29.6	539	17

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
257	9	5 7 2.17	27 32 32.4	132	6	
258	9	7 2.76	32 29 17.6	530	87	
	9	2.95	20.1	108	106	
	9½	3.01	19.2	108	107	
259	8½	7 2.82	26 44 31.3	513	80	
260	9½	7 6.36	30 36 9.1	531	114	
261	8	7 8.77	44 44 24.5	117	86	
262	8½	7 10.87	30 37 10.0	531	112	
263	9	7 13.82	54 28 23.6	536	20	
	9	13.93	22.0	161	3	
	9	13.93	22.3	522	156	
264	9	7 14.20	39 5 11.4	158	34	
	8½	14.22	11.2	498	144	
265	7	7 16.65	37 32 49.4	498	143	
266	9½	7 17.15	28 26 42.3	539	18	
267	8½	7 17.76	25 4 19.5	82	92	
	8½	17.79	17.9	504	159	
	8	17.81	18.7	510	17	
268	8	7 18.93	26 42 1.6	513	81	
269	9	7 20.54	36 52 26.6	498	142	
270	8½	7 21.71	36 32 8.1	178	10	
	8	21.81	12.5	507	7	
271	9	7 22.63	25 31 32.2	504	160	
	9	22.65	32.7	510	18	
272	9	7 23.09	28 1 56.6	539	16	
	9	23.12	57.1	132	7	
273	9½	7 23.25	70 50 38.1	151	40	
274	8	7 23.39	48 36 35.0	515	50	
275	8½	7 23.90	34 17 48.1	169	25	
276	9	7 29.19	33 26 8.7	530	89	
277	10	7 30.69	70 45 37.2	151	41	
278	8½	7 30.82	54 30 35.9	522	155	
	8½	31.05	37.7	161	4	
	8½	31.15	36.6	536	22	
279	9	7 31.61	54 25 58.9	522	157	
	9	31.69	55.8	536	21	
	9½	31.72	59.8	161	5	
280	8½	7 33.43	51 27 28.7	533	59	
	8½	33.62	29.0	502	32	
281	9	7 33.75	26 15 21.9	504	161	
	9	33.95	23.8	513	82	
282	9	7 34.19	45 43 48.5	166	31	
283	9½	7 38.09	48 39 36.3	515	51	
284	8½	7 38.24	30 7 38.0	174	21	
285	9	7 40.74	45 6 27.7	166	30	
286	9	7 40.80	41 38 3.2	74	90	
287	7½	7 42.56	44 5 55.2	117	87	
288	9½	7 44.36	33 29 49.4	530	90	
289	9½	7 45.92	23 23 17.6	82	93	
290	8½	7 48.04	27 49 37.8	132	8	
291	10	7 50.73	40 58 44.6	158	35	
292	9	7 51.14	42 18 35.0	74	91	
293	7½	7 51.92	27 19 37.0	513	84	
	7	51.96	36.4	132	9	
294	8½	7 53.84	24 6 49.9	82	94	
295	9½	7 55.41	31 27 24.0	108	108	
296	7½	7 55.82	27 18 30.8	513	85	
	7½	55.83	31.1	132	10	
297	9½	7 56.43	40 29 57.0	158	36	
298	8	8 1.98	75 11 9.2	121	44	
	9	2.52	10.8	155	5	
299	8½	8 2.97	26 9 36.0	504	162	
	8½	3.14	36.0	513	83	
	8½	3.19	37.8	510	19	
300	8½	8 4.07	34 37 42.2	169	26	
301	7½	8 4.27	41 49 19.0	74	92	
302	8	5 8 5.31	75 4 56.8	121	45	
	8	5.66	56.8	496	63	
	8½	6.21	57.1	155	6	
303	8	5 8 5.37	39 12 36.0	498	145	
304	10	8 7.72	49 41 28.1	533	60	
305	8½	8 8.25	29 45 42.2	174	23	
306	8	8 16.35	78 21 1.6	496	62	
	8½	16.58	1.9	155	4	
307	9	8 18.36	55 40 24.4	522	158	
308	8½	8 19.53	29 24 32.0	174	22	
309	9	8 26.77	58 38 24.4	94	67	
310	9	8 27.85	24 57 46.3	510	21	
311	8½	8 29.51	54 2 22.0	536	23	
312	9	8 30.31	25 29 26.8	504	163	
	9	30.56	26.1	510	20	
313	8	8 32.20	47 25 28.2	515	52	
314	9	8 37.69	60 35 28.0	94	68	
	8½	37.84	29.8	148	49	
315	6½	8 40.40	73 11 55.5	121	47	
316	8½	8 41.12	23 8 9.4	82	95	
317	7½	8 44.98	63 56 0.9	177	12	
318	7½	8 45.19	71 25 28.8	121	48	
319	9	8 45.94	31 20 52.9	531	117	
320	8	8 48.07	49 12 36.4	515	53	
321	8½	8 49.56	73 45 28.0	121	46	
322	9	8 49.83	65 17 4.3	526	143	
	8½	49.86	3.3	177	13	
323	8	8 50.80	32 3 3.9	108	109	n.pr.
	8	50.81	2.7	531	115	
324	8	8 51.03	32 3 11.1	108	110	s.sq.
325	8½	8 52.91	42 32 45.5	74	93	
326	8½	8 53.68	31 21 45.0	531	116	
327	9	8 54.60	49 12 27.5	515	54	
328	10	8 55.71	67 19 22.8	151	39	
	9	56.00	22.4	526	141	
329	8	8 56.17	32 12 53.0	108	111	
330	9	8 56.42	30 42 19.3	174	24	
331	9½	8 56.87	28 15 23.1	539	19	
332	9	9 1.09	33 10 6.8	169	27	
333	9	9 2.21	60 26 58.3	94	69	
334	9½	9 2.76	57 20 16.8	522	160	
	9½	3.10	15.0	161	6	
335	9½	9 6.23	67 19 45.7	526	142	
336	9	9 12.28	24 36 29.5	82	96	
	9½	12.55	29.4	510	22	
337	9½	9 12.52	43 10 3.5	74	94	
338	9	9 14.31	27 27 28.2	132	11	
339	9	9 14.41	26 32 4.4	504	165	
340	8½	9 19.52	57 45 45.0	94	70	
341	7½	9 19.60	26 56 23.1	513	86	
	7½	19.78	24.5	132	12	
342	7	9 20.48	35 58 11.3	178	11	
	7½	20.51	11.9	507	9	
343	8	9 23.82	51 41 59.5	502	33	
	7½	23.94	59.9	533	61	
344	9½	9 24.94	25 54 6.2	510	23	
345	9½	9 25.12	49 38 3.1	533	62	
346	7	9 26.58	26 21 4.1	513	87	
	7	26.60	3.2	504	164	
347	9	9 28.88	28 11 44.0	539	20	
348	9½	9 29.74	28 12 39.5	539	21	
349	8½	9 31.88	65 11 41.4	177	14	
	8½	32.24	40.1	526	144	
350	9	9 35.31	54 18 6.0	536	24	
351	9½	9 36.45	45 39 49.5	166	32	
352	8	9 36.53	27 6 26.2	504	166	
	7½	36.61	27.7	513	88	
	7½	36.78	27.6	132	13	
353	9	9 39.60	54 18 15.5	536	25	
354	9½	9 39.67	52 11 58.3	502	34	
355	9	9 39.88	32 56 24.8	108	112	
356	9½	5 9 41.34	49 31 23.1	533	63	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
357	9	5 9 41.97	35 57 51.9	507	10	
358	10	9 42.01	39 30 53.9	158	37	
359	8½	9 43.73	43 5 18.5	74	95	
	8½	44.08	18.2	117	88	
360	8	9 43.92	33 29 28.6	169	28	
	8	43.93	29.3	530	91	
	8	44.09	30.0	543	1	
361	8	9 55.51	66 34 26.9	177	15	
	8	55.72	26.5	526	145	
362	6	10 3.64	36 7 18.5	507	11	
	6	3.77	16.6	178	12	
363	9½	10 5.16	48 38 24.0	515	56	
364	8½	10 6.29	48 1 18.1	515	55	dpl. I.
365	9½	10 6.67	46 40 11.0	166	33	
366	7	10 15.21	28 28 42.0	539	22	
	7½	15.39	40.9	132	14	
367	9½	10 15.70	56 51 51.6	161	7	
368	9	10 15.79	57 28 24.9	94	71	
	9	15.80	23.0	522	159	
369	9½	10 16.96	23 36 18.0	82	98	
370	9	10 17.62	62 57 50.0	148	51	
371	5½	10 23.45	27 5 2.7	513	89	
	5	23.50	3.2	504	167	
	5½	23.69	4.4	132	15	
372	9	10 23.84	69 52 0.6	151	42	
373	7	10 29.19	23 2 9.1	82	97	
374	8	10 30.05	33 33 6.0	530	92	
	8½	30.08	6.7	543	2	
	8½	30.12	6.4	169	29	
375	8	10 30.28	29 54 4.0	539	24	
	7	30.32	4.1	531	118	
	7½	30.50	5.5	174	25	
376	10	10 32.29	49 20 34.0	533	64	
377	8½	10 35.34	24 25 42.4	510	24	
378	9	10 36.57	25 7 33.3	504	169	
379	9	10 36.83	26 34 58.0	504	168	
	8	36.88	59.4	513	90	
380	9	10 38.08	72 24 32.3	121	49	
381	8½	10 40.83	29 39 19.4	539	23	
382	9	10 41.06	42 13 25.4	74	96	
383	9	10 44.68	36 47 32.8	507	13	n. pr.
	8½	44.84	33.3	178	13	
384	9½	10 46.55	27 31 43.4	132	16	
385	7	10 46.85	36 47 40.0	507	12	s. sq.
	7	46.96	40.6	178	14	
386	8	10 50.93	44 21 55.6	117	89	
387	9½	10 52.06	29 55 14.7	539	26	
	9	52.12	12.3	531	119	
	9	52.23	14.9	174	26	
388	9½	10 52.67	62 11 14.6	148	50	
389	8½	10 55.81	23 32 53.9	82	99	
390	9	10 55.94	45 56 1.1	166	34	
391	8½	10 56.02	31 18 48.4	108	113	
392	8	10 56.80	53 7 9.9	536	27	
393	6½	10 59.04	52 10 25.2	536	26	
	7	59.27	23.5	502	36	
	6½	59.33	24.2	533	65	
394	9½	10 59.91	57 27 36.5	94	72	
395	7½	11 2.12	55 42 34.3	522	161	
	7½	2.20	33.1	161	8	
396	9	11 2.28	25 7 15.7	504	170	
	9	2.48	14.5	510	25	
397	10	11 8.53	26 3 11.4	510	26	
398	9	11 10.02	66 50 5.5	177	16	
399	9	11 11.38	42 32 40.4	74	97	
400	9	11 14.48	29 53 17.2	539	25	
	9	14.49	18.0	174	27	
	8	14.60	16.9	531	120	
401	8½	5 11 14.73	51 29 58.4	502	35	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
402	9½	5 11 17.25	33 46 26.2	169	30	
	9½	17.43	31.3	543	3	
403	7	11 17.—	35 4 3.1	169	33	
	7	17.79	4.2	178	15	
	7	17.87	5.3	507	14	
404	9	11 19.41	69 28 3.3	151	43	
405	9	11 25.84	58 42 4.2	94	73	
406	8½	11 26.37	29 34 26.9	174	29	
407	9	11 26.52	33 44 25.2	169	31	
	9	26.53	27.2	543	4	
408	8½	11 27.36	60 7 54.6	94	75	dpl. II.
409	9	11 28.32	47 20 13.9	515	57	
410	9	11 28.62	31 5 23.4	108	114	
411	8	11 28.88	25 28 16.0	504	171	
	8	28.96	16.6	510	27	
	8	29.00	16.2	92	2	
412	9½	11 30.74	24 18 28.1	82	100	
413	8½	11 32.27	28 16 36.6	132	18	
	8	32.31	36.9	539	27	
	8	32.39	36.5	132	17	
414	6½	11 32.51	65 19 23.4	177	17	
	7	32.72	21.9	526	146	
415	9½	11 33.52	28 1 39.1	132	19	
416	8	11 33.66	59 43 48.0	94	74	
417	10	11 35.08	45 36 21.5	166	35	
418	8½	11 37.09	47 3 30.0	166	36	
419	9	11 37.81	30 0 13.2	174	28	
	8½	37.87	12.3	531	121	
420	9	11 39.28	26 28 28.7	504	172	
	8½	39.39	30.4	92	1	
421	9	11 40.80	24 43 45.0	510	28	
422	8½	11 41.70	72 29 0.6	121	50	
423	9½	11 42.80	31 53 39.9	531	123	
	9½	42.85	41.6	108	115	
424	8	11 42.83	33 12 14.7	530	94	
425	7½	11 44.46	32 39 4.2	530	93	
426	8½	11 44.77	35 57 9.8	178	16	
	9	44.96	11.3	507	15	
427	7	11 48.65	33 40 32.0	543	5	
	7	48.73	29.9	169	32	
428	8½	11 49.30	30 30 18.8	531	122	
429	9	11 57.35	33 13 19.5	530	95	
430	8½	11 57.53	42 59 19.0	117	90	
431	9	11 58.51	28 58 12.0	174	30	
432	9	12 0.89	31 58 17.9	531	124	
	9	1.00	20.1	108	116	
433	9½	12 3.35	55 47 46.3	522	163	
	9	3.72	41.1	161	9	
434	9½	12 8.70	36 24 15.1	507	16	
435	7½	12 9.61	41 23 16.1	74	99	
436	8	12 11.15	41 12 45.6	74	98	
	7½	11.38	45.4	158	38	
437	8½	12 15.15	72 13 26.2	121	51	dpl. II. s. pr.
438	7½	12 15.81	31 25 8.0	531	125	
	8	15.91	9.2	108	117	
439	8	12 16.19	27 22 55.4	132	20	
	8	16.32	54.5	513	91	
440	9	12 17.98	23 58 23.0	510	29	
	9½	17.99	25.7	82	101	
441	9½	12 23.22	79 51 45.1	496	64	
442	8	12 23.76	69 41 22.1	151	44	
	9	23.89	23.1	151	45	
443	8½	12 23.83	74 58 47.4	121	52	
444	9	12 25.00	74 59 48.8	155	8	
445	9	12 26.75	37 15 44.9	498	146	
446	7½	12 27.09	52 48 16.4	536	29	
447	9	12 28.86	42 58 35.7	117	91	
448	8½	12 28.96	53 13 56.7	536	28	
449	8½	5 12 29.08	77 42 17.4	155	7	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
450	8	5 12 29.38	49 34 52.6	533	66
	8	29.45	52.5	515	58
	8	29.47	52.1	502	37
451	9	12 30.84	37 31 10.7	498	147
452	8½	12 33.52	38 48 54.0	180	1
453	8	12 36.99	27 16 4.3	513	92
	8½	36.99	6.2	132	21
454	8½	12 37.96	48 49 29.0	515	59
455	8½	12 41.26	42 39 16.4	74	100
456	10	12 44.65	68 5 26.0	151	46
457	9	12 45.74	23 33 48.2	82	102
458	7	12 45.74	52 19 16.0	536	30
459	9½	12 46.64	76 35 34.3	155	9
	9	46.84	33.8	496	65
460	9	12 48.65	55 33 22.1	522	162
	9	48.78	22.5	161	10
461	9	12 49.08	31 42 1.9	531	126
	9½	49.10	4.0	108	118
462	10	12 49.78	52 11 46.3	536	31
463	9	12 52.34	28 18 28.4	539	28
464	8½	12 56.98	65 22 38.2	177	18
	8	57.17	38.5	526	147
465	5	12 58.66	35 1 3.9	169	34
	5½	58.86	6.7	507	18
466	8½	13 0.04	37 7 44.2	498	148
	8½	0.14	44.0	507	17
	9	0.36	43.9	178	17
467	7	13 3.33	46 3 1.7	166	37
468	8	13 5.48	39 25 26.8	158	39
469	9	13 7.38	56 18 22.2	522	164
	8½	7.50	20.9	161	11
470	9½	13 8.12	30 16 13.0	531	128
471	7½	13 9.17	25 23 5.5	504	174
	8	9.39	5.1	510	31
	8	9.49	6.5	92	3
472	8	13 9.50	33 34 1.9	169	37
	8	9.75	1.1	543	6
473	8½	13 10.17	25 24 53.4	504	173
	8	10.24	55.9	92	4
	8½	10.38	54.3	510	30
474	9	13 10.59	64 36 34.2	177	20
475	9½	13 13.11	23 21 21.2	82	104
476	9	13 13.52	39 39 19.3	158	40
477	9	13 13.90	47 4 2.1	515	62
	9	14.00	3.9	166	38
478	8½	13 14.24	30 8 9.6	539	29
	8	14.25	9.7	531	127
	8	14.39	10.8	174	32
479	8½	13 15.58	51 25 8.9	533	67
	9	15.75	8.0	502	39
480	10	13 17.55	23 32 48.0	82	103
481	9	13 18.83	26 44 53.4	92	5
482	9½	13 22.23	38 5 61.0	498	151
	8½	22.35	58.6	180	3
483	9	13 22.55	29 42 31.9	539	30
	8½	22.71	31.2	174	31
484	9	13 22.98	37 45 3.9	498	149
	8	23.07	6.0	180	2
485	9	13 28.38	32 34 36.1	108	119
486	9½	13 29.34	77 10 34.0	496	66
487	8½	13 29.53	34 9 50.0	543	8
	8½	29.46	48.3	169	35
488	9	13 29.72	35 29 52.9	178	18
	9	29.84	53.8	507	19
489	8	13 30.38	63 40 55.5	177	19
	8	30.44	52.6	526	148
490	8	13 30.56	48 46 30.7	515	60
491	8	5 13 32.20	51 36 37.1	533	68
	8	32.31	39.8	502	40
492	8½	5 13 32.39	33 34 27.7	543	7
	8	32.40	26.4	530	96
	8½	32.40	27.9	169	36
493	9	13 32.96	38 17 10.4	498	150
494	8	13 33.93	48 19 33.6	515	61
495	8	13 36.14	49 44 2.5	502	38
496	9½	13 38.85	43 52 53.2	117	92
497	9½	13 39.91	56 35 13.6	522	165
498	9	13 49.26	63 12 42.8	148	52
499	9	13 50.13	53 27 35.9	536	32
500	5	13 51.63	67 19 30.9	526	149
501	9	13 52.52	53 5 59.3	536	33
502	8	13 52.65	29 0 12.5	539	31
	8½	52.73	11.7	132	23
	8	52.73	14.4	174	33
503	9½	13 54.35	76 36 32.1	155	10
504	9	13 56.53	28 43 50.5	132	22
505	8½	13 56.69	24 17 51.0	510	33
	9	56.71	58.6	82	105
506	7½	13 57.76	43 44 27.6	117	93
507	9	13 59.52	24 53 54.1	504	175
	10	59.77	55.0	510	32
508	9	13 59.74	68 9 36.8	151	47
509	9	14 1.19	38 58 21.8	180	4
510	9½	14 2.28	62 17 3.8	148	53
511	8½	14 4.17	52 35 14.0	536	34
512	9½	14 16.27	27 31 20.0	132	25
513	8½	14 17.38	43 56 13.0	117	94
514	9	14 18.33	52 2 7.3	533	69
515	10	14 18.90	61 47 33.7	148	54
516	9	14 20.52	37 39 28.5	498	152
	9	20.76	27.0	180	5
517	9½	14 23.31	51 58 12.7	533	70
518	7½	14 24.14	25 15 9.3	504	176
	8	24.38	10.9	510	34
519	9	14 24.69	51 29 58.6	533	72
	9½	24.74	58.6	502	42
520	6	14 24.80	27 29 53.9	513	93
	6½	24.89	55.9	132	24
521	8	14 25.35	41 10 30.8	74	101
	8	25.62	28.2	158	41
522	9½	14 25.69	28 38 48.6	539	32
523	8½	14 26.33	31 39 52.6	108	121
	9	26.36	50.3	531	129
524	9	14 29.41	31 48 55.6	531	130
	9½	29.60	57.1	108	120
	9½	29.67	55.8	543	9
525	9½	14 32.57	56 16 42.8	161	12
526	8½	14 34.12	71 11 55.8	121	53
	9	34.36	52.8	151	49
527	9	14 36.57	26 8 9.2	504	179
	9	36.65	11.3	92	6
528	9	14 36.61	25 23 2.2	504	177
	9	36.71	1.4	510	35
529	9	14 39.43	37 28 12.4	498	153
	8½	39.56	11.5	180	6
530	9	14 41.17	36 52 20.0	507	20
531	9	14 41.18	51 27 18.8	533	71
	9½	41.41	17.9	502	43
532	9½	14 41.33	24 26 30.2	82	106
	9½	41.47	32.4	82	107
533	7	14 41.88	26 3 31.5	504	178
	7	41.97	32.3	510	36
	8	42.06	33.3	92	7
534	8	14 42.65	33 50 15.8	169	39
535	9½	14 46.31	52 26 22.0	536	35
536	8½	14 46.41	47 30 44.3	515	63
537	9½	5 14 49.94	60 35 6.7	94	76
	10	50.12	8.5	148	55

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
538	9	5 14 50.72	76 17 0.5	155	11	
539	9½	14 52.77	33 32 52.7	543	10	
	9½	52.82	54.1	169	38	
	9	52.91	52.5	530	97	
540	9½	14 53.75	45 13 15.9	166	39	
541	8	14 55.12	63 28 35.6	177	21	
	7½	55.34	35.0	526	150	
	8	55.40	36.2	148	57	
542	9	15 3.18	51 20 37.6	533	73	
	9½	3.20	36.6	502	41	
543	8½	15 4.01	36 52 25.9	498	154	
	8½	4.14	27.2	507	21	
	8½	4.25	26.1	178	19	
544	9	15 8.87	48 31 25.8	515	64	
545	7½	15 9.93	54 36 17.4	161	13	
	7½	10.21	15.0	536	36	
546	9½	15 12.26	28 0 48.9	539	33	
547	9½	15 12.93	34 5 15.7	169	40	
548	8½	15 13.13	41 42 30.3	74	102	
549	9	15 13.79	29 49 15.0	531	131	
550	9	15 19.62	31 17 53.1	108	122	
	8½	19.72	52.7	531	132	
551	8½	15 20.52	43 43 12.1	117	95	
552	9	15 21.21	26 41 42.0	504	180	
	9	21.29	41.4	513	94	
	8½	21.33	42.5	92	8	
553	8½	15 25.86	50 51 28.6	502	44	
554	8½	15 27.89	62 49 59.4	148	56	
	8½	27.96	60.0	148	58	
555	8	15 30.61	51 33 4.6	533	74	
556	9	15 33.99	29 56 37.1	531	133	
	9	34.16	38.2	174	34	
557	9	15 38.80	42 16 52.0	74	103	
558	9	15 41.50	55 50 16.8	161	15	
559	9½	15 42.61	32 44 53.4	543	11	
	8½	42.62	52.5	108	123	
	8	42.68	51.3	530	98	
560	9	15 43.39	27 55 50.6	539	34	
	8½	43.48	51.1	132	26	
561	8½	15 46.11	37 23 49.6	498	156	
	7½	46.43	46.5	180	7	
562	8½	15 46.20	25 39 52.4	510	37	
563	9½	15 48.36	37 10 26.4	498	155	
564	8	15 48.66	30 2 38.2	531	134	
	9	48.90	38.2	174	35	
565	9	15 48.94	49 53 36.7	502	46	
566	6½	15 50.53	34 49 28.7	169	41	
	6½	50.62	30.5	178	20	
	6½	50.62	31.4	507	22	
567	8½	15 51.85	57 34 31.6	94	77	
	9½	52.07	30.5	161	16	
568	9½	15 52.06	24 49 44.3	82	108	
	9	52.19	44.2	92	9	
569	7	15 52.83	29 19 57.0	174	36	
570	9½	15 53.19	45 15 11.9	166	40	
571	9½	15 55.78	70 43 10.9	151	48	
	9½	55.82	12.0	151	50	
572	7½	15 58.28	51 42 29.3	533	75	
573	9½	16 0.53	23 51 19.3	510	38	
574	10	16 1.93	51 35 33.7	533	76	
575	9	16 2.57	28 30 21.6	539	36	
576	9	16 5.33	72 10 24.5	121	55	
577	8½	16 5.64	71 38 17.2	121	54	
578	9	16 6.26	54 27 27.1	161	14	
	9	6.26	26.0	536	37	
579	8½	16 7.27	75 30 1.6	155	12	
580	8	16 8.33	77 21 25.8	496	67	
	8½	8.56	27.4	155	13	
581	9	5 16 11.01	27 13 32.8	132	27	
582	9½	5 16 11.14	23 54 12.9	510	39	
583	9	16 13.26	29 19 39.3	174	37	
584	9	16 14.78	32 2 47.2	108	124	
585	8½	16 17.06	57 32 59.3	94	78	
	9	17.54	58.3	161	17	
586	6	16 18.33	50 44 26.5	502	45	
587	7½	16 22.34	30 11 46.5	531	135	
	7½	22.54	48.2	174	38	
588	8½	16 23.12	49 50 55.4	502	47	
589	9	16 24.60	33 44 37.0	543	12	
590	8½	16 25.41	42 37 35.9	74	104	
591	8	16 25.93	28 4 22.5	541	1	
	8½	26.00	22.5	513	95	
	8½	26.00	24.3	132	28	
	8½	26.03	22.7	539	35	
592	9½	16 25.96	47 3 12.4	515	66	
593	9½	16 26.13	23 56 54.9	510	41	
594	7	16 30.57	39 52 49.1	158	42	
595	7½	16 33.20	47 10 27.7	166	41	
	7½	33.21	29.1	515	65	
596	9	16 33.61	23 59 20.5	510	40	
597	6	16 38.47	24 53 45.4	82	109	dpl.
	5½	38.47	43.1	504	181	
	6	38.55	47.3	92	11	
	5½	38.60	44.7	510	42	
598	8½	16 41.18	42 51 40.1	74	105	
	8½	41.41	40.4	117	96	
599	9	16 42.59	24 53 59.0	510	43	
	9	42.67	60.3	82	110	
	7½	42.72	59.2	504	182	
	8½	42.83	63.2	92	10	
600	6½	16 45.37	34 28 6.1	169	42	
601	7½	16 49.20	43 39 36.4	117	97	
602	9	16 50.89	35 50 11.2	507	23	} dpl.
603	9½	16 50.92	35 50 22.5	507	24	
604	8	16 51.35	52 9 53.2	536	38	
	8	51.47	52.5	533	77	
605	8	16 51.44	46 41 19.4	166	42	
606	9	16 51.47	35 19 22.2	178	21	
607	9	16 53.36	30 45 50.5	531	136	
608	9	16 55.54	62 4 48.7	148	59	
609	9	17 0.35	28 15 48.3	539	37	
	9½	0.46	47.4	132	29	
610	9	17 4.33	37 56 12.3	180	8	
611	8½	17 4.51	34 13 46.1	169	43	
612	8	17 5.79	47 38 28.5	515	67	
613	9	17 6.38	48 9 8.9	515	68	
614	8½	17 9.67	43 36 43.5	117	98	
615	8½	17 13.56	31 42 43.2	531	137	
	9	13.64	43.6	108	125	
616	10	17 16.29	30 13 44.6	174	39	
617	10	17 16.93	32 37 15.5	108	127	
618	7½	17 20.04	39 37 18.3	158	43	
619	9	17 22.01	70 35 16.9	151	51	
620	9	17 23.61	52 7 28.0	536	39	
	9½	23.71	26.6	533	78	
621	8½	17 24.13	40 53 10.6	74	106	
	8	24.49	9.9	158	44	
622	9	17 26.32	60 8 57.2	94	79	
623	9½	17 26.79	46 46 15.5	166	43	
624	8½	17 27.47	25 42 15.9	92	12	
	8½	27.55	14.0	510	44	
625	8	17 31.71	32 39 39.0	108	126	
	8	31.73	40.4	543	13	
	8	31.85	38.1	530	99	
626	9½	17 41.72	29 50 31.7	531	139	dpl. III. s.sq.
627	8	17 42.31	63 6 37.5	148	60	
628	9½	17 42.50	33 52 43.5	169	44	
629	8½	5 17 42.63	31 34 19.2	531	138	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
630	8½	5 17 43.81	72 31 47.0	121	57
631	8½	17 44.34	41 6 57.4	74	107
	8½	44.40	55.7	158	45
632	9	17 44.37	51 22 17.8	502	49
633	8½	17 44.85	49 53 37.6	533	79
	8	45.06	37.5	502	48
634	7½	17 45.74	38 36 37.7	180	9
635	8	17 47.25	44 29 45.0	117	99
636	9	17 47.63	49 17 49.2	515	69
637	9	17 49.32	23 11 4.0	82	112
638	9	17 51.10	46 24 4.5	166	44
639	8½	17 51.40	35 25 4.2	507	25
	8½	51.55	3.9	178	22
640	9½	17 51.63	23 44 19.6	82	111
641	9½	17 55.28	28 33 42.5	539	38
642	8½	17 56.58	72 13 14.5	121	56
643	9½	17 56.76	68 36 0.9	151	53
644	9	17 57.80	31 51 36.7	108	128
	8½	58.03	34.9	530	100
	9	57.98	37.4	543	14
645	9½	17 57.84	55 11 56.3	161	19
646	9½	18 1.21	31 49 56.9	108	130
647	9	18 3.12	27 31 15.4	132	31
648	9½	18 8.45	49 42 34.5	533	81
649	9½	18 10.40	30 43 2.4	531	140
650	6½	18 10.57	26 49 28.5	513	96
	6½	10.62	29.2	541	2
	6½	10.65	28.0	504	183
	7	10.69	30.4	132	30
	6½	10.75	30.0	92	13
651	8½	18 12.10	68 43 12.1	151	52
652	9½	18 15.80	30 39 50.6	531	141
653	8½	18 17.53	49 45 27.5	533	80
654	9½	18 19.40	32 47 16.3	169	45
655	7	18 20.73	73 43 7.7	121	58
656	9½	18 22.11	52 56 19.9	536	41
657	9	18 25.50	31 48 44.5	108	131
658	8½	18 26.55	55 53 7.9	161	18
659	7	18 26.56	51 41 50.5	533	83
	7	26.73	47.4	502	50
660	9½	18 28.19	42 56 37.7	74	108
661	8	18 31.20	31 51 49.3	530	101
	7	31.21	51.7	531	142
	8	31.22	51.8	543	15
	7½	31.22	51.5	108	129
662	9	18 33.45	27 50 47.7	539	40
663	9½	18 33.56	68 28 54.5	151	55
664	9½	18 33.76	52 34 53.8	536	40
665	10	18 33.98	51 41 31.0	533	84
666	9	18 36.93	68 35 30.7	151	54
667	9½	18 38.13	46 24 0.8	166	46
668	9	18 38.29	79 57 33.5	155	14
669	9½	18 41.50	29 37 58.5	539	39
670	8½	18 43.68	61 17 34.3	148	62
671	9	18 45.06	57 28 38.3	94	80
672	9½	18 45.62	47 10 4.9	515	70
	9½	45.76	3.0	166	45
673	9	18 47.02	26 55 38.9	504	184
	9	47.07	38.6	92	14
	9	47.11	40.6	132	32
	9	47.13	37.9	541	3
674	8½	18 53.28	36 29 23.7	507	26
675	8	18 53.54	53 26 7.0	536	44
676	9½	18 53.78	42 24 7.3	74	109
677	9½	18 54.77	29 26 27.3	174	40
678	9½	18 55.29	53 5 17.6	536	43
679	9½	18 55.72	25 18 57.8	510	45
680	9½	18 56.25	36 25 50.9	507	27
681	8½	5 18 57.57	56 38 22.1	161	20
682	9½	5 18 58.11	73 46 22.3	121	59
683	8	18 59.29	60 54 8.5	148	63
684	9	18 59.96	36 47 39.4	507	28
	8½	60.09	39.1	178	23
685	9	19 0.05	56 22 2.0	161	21
686	8½	19 0.21	42 26 44.1	74	110
687	8	19 0.67	50 13 42.9	533	82
	8½	0.73	41.9	502	51
688	9	19 1.27	52 57 50.7	536	42
689	8½	19 2.55	45 31 47.3	166	47
690	9	19 3.58	25 54 3.1	541	4
691	9	19 4.56	39 57 19.9	158	46
692	9	19 5.70	63 11 41.7	148	61
693	9	19 8.30	24 48 20.3	82	113
	8½	8.47	18.1	510	46
	8½	8.50	20.2	92	15
694	8	19 11.18	32 16 3.8	108	132
695	8½	19 15.02	58 13 38.2	94	81
696	7½	19 15.49	71 39 22.2	121	62
697	6	19 16.51	39 47 41.9	158	47
698	9	19 19.93	32 8 59.3	108	133
	8½	20.26	59.4	531	143
699	7	19 20.57	54 23 35.3	536	45
700	9	19 20.77	66 6 8.1	177	23
701	7	19 20.86	37 27 11.0	180	10
702	9	19 21.85	23 10 43.4	82	114
703	8½	19 23.06	54 37 40.6	536	46
704	9	19 28.29	33 51 29.5	169	46
705	8½	19 28.98	34 23 54.1	169	48
706	9	19 29.08	65 42 49.2	177	25
707	9½	19 31.54	28 52 44.1	132	34
708	7½	19 37.02	34 31 53.9	169	47
709	8½	19 39.70	27 56 56.4	513	97
	8½	39.85	54.1	539	41
	8½	39.91	55.0	132	33
	8½	39.91	53.7	541	5
710	8½	19 42.89	35 53 56.5	507	29
	8½	42.99	55.1	178	24
711	8	19 43.74	72 49 36.4	121	60
712	9	19 44.07	29 5 34.4	132	35
	9	44.12	37.2	539	42
713	8½	19 44.29	66 33 51.8	177	22
714	8	19 44.67	35 15 56.2	507	30
715	9	19 44.83	29 24 13.3	174	41
716	8	19 48.33	66 10 49.0	177	24
717	9½	19 49.13	29 5 10.3	539	43
	9½	49.24	9.0	132	36
718	9	19 52.06	31 6 36.5	174	42
719	8	19 56.62	38 10 17.2	180	11
720	9	19 57.68	63 38 47.8	148	64
721	9	19 58.21	45 8 50.0	166	48
	8	58.24	48.8	117	100
722	9½	19 58.82	79 7 11.1	155	15
723	9½	20 3.69	33 16 32.0	543	16
724	6½	20 4.26	56 15 8.4	161	22
725	8½	20 4.94	23 16 59.9	82	115
726	7½	20 6.49	51 25 54.8	533	85
	8	6.56	55.1	502	52
727	8	20 7.63	38 22 19.2	180	12
728	8½	20 10.08	30 15 36.8	531	146
729	8½	20 10.84	31 53 58.3	108	134
	8	11.04	57.8	531	144
730	9	20 12.63	43 49 7.6	117	102
731	8	20 14.40	64 11 44.0	177	27
732	8	20 15.09	49 29 23.1	515	71
	7½	15.09	24.4	533	87
	8	15.18	23.6	502	54
733	9½	20 18.82	79 12 6.0	155	17
734	9½	5 20 19.28	39 4 51.3	158	48

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
735	9	5 20 21.33	24 47 2.7	82	117	
	9	21.62	0.7	510	47	
736	8½	20 21.77	64 27 27.7	177	26	
737	9½	20 22.95	51 21 0.3	502	53	
	9½	23.08	1.0	533	86	
738	9½	20 24.32	26 52 0.2	541	6	
	9	24.36	2.1	92	16	
	9	24.43	4.3	132	37	
	9	24.50	2.5	513	98	
739	8	20 26.15	34 19 28.2	169	49	
740	8½	20 28.42	38 14 15.1	180	13	
741	7½	20 29.18	43 43 21.3	117	101	
742	9½	20 31.45	24 54 42.7	82	118	
	9½	31.74	38.9	510	48	
743	9	20 34.30	30 43 33.5	174	43	
	8	34.36	33.8	531	147	
	8	34.42	32.0	531	145	
744	9½	20 38.50	31 54 54.8	108	135	
745	8½	20 40.53	47 27 10.5	515	72	
746	8	20 42.00	56 55 56.7	161	23	
747	9	20 43.01	53 33 35.5	536	47	
748	9	20 45.79	23 1 4.4	82	116	
749	8½	20 49.72	38 9 13.5	180	14	
750	7½	20 50.11	34 57 31.0	169	50	
	7½	50.25	32.9	507	31	
	7	50.36	33.1	178	25	
751	8½	20 51.43	38 59 —	158	49	
752	8½	20 52.51	46 0 13.9	166	49	
753	8½	20 55.19	42 33 8.0	74	111	
754	9	21 1.28	26 15 7.9	92	17	
	8½	1.31	4.8	541	7	
755	10	21 5.25	38 52 53.8	158	50	
756	9	21 6.16	72 48 58.6	121	61	
757	8	21 7.18	59 44 59.3	94	82	
758	9½	21 9.50	30 6 36.8	539	44	
	9½	9.60	35.8	174	44	
759	9	21 10.89	25 13 43.2	510	49	
	9	10.93	46.4	92	18	
760	6½	21 12.38	44 20 17.0	117	103	
761	9	21 14.16	45 27 35.5	166	50	
762	9½	21 15.57	55 42 19.1	161	24	
763	9	21 19.07	30 47 2.1	174	45	
764	9	21 20.66	68 6 6.9	151	56	
765	7	21 20.87	32 19 7.7	543	17	
	7	20.98	9.5	108	136	
	7	21.03	8.2	164	2	
766	9½	21 24.67	34 13 50.8	169	51	
767	8½	21 25.80	35 27 49.5	507	33	s.pr.
	8½	25.89	47.3	178	26	
768	8	21 26.24	35 27 39.5	507	32	n.sq.
	8	26.37	40.5	178	27	
769	8	21 28.34	53 32 26.1	536	48	
770	8½	21 29.59	41 27 0.6	74	113	
771	8½	21 32.17	24 28 49.6	510	50	
772	7½	21 33.45	32 36 35.7	164	1	
	7½	33.63	40.2	543	19	
	8	33.65	38.1	108	137	
773	9½	21 35.48	47 40 38.4	515	73	
774	9	21 37.23	63 0 36.8	148	68	
	9	37.25	38.2	148	65	
775	10	21 38.21	70 51 26.8	151	58	
776	9	21 41.49	27 35 40.5	132	38	
777	9	21 41.85	32 32 29.1	543	18	
	9	41.91	30.1	108	138	
778	9	21 43.93	33 16 26.4	169	52	
779	9½	21 44.85	58 5 44.2	94	83	
780	9½	21 45.43	71 36 11.4	121	64	
781	10	5 21 48.14	27 55 0.2	541	8	
782	9	5 21 48.44	71 4 52.3	151	57	
783	7	21 52.04	52 25 22.2	536	49	
784	9½	21 53.00	40 30 51.6	158	51	
785	8½	21 53.76	25 0 44.1	82	119	
	8	53.81	45.0	510	51	
	8	53.90	44.6	92	20	
786	8½	21 53.86	50 36 23.9	533	89	
	9	54.05	23.5	502	55	
787	6½	21 55.98	52 25 34.5	536	50	
788	8	21 56.16	51 5 23.8	533	90	
	8	56.21	22.7	533	88	
	8½	56.22	21.8	502	56	
789	8	21 56.17	74 49 9.1	155	16	
790	8½	21 56.90	47 12 14.8	515	74	
791	9	21 59.58	30 40 51.5	174	46	
	8½	59.64	49.6	531	148	
792	8	22 0.33	52 43 57.5	536	51	
793	8½	22 0.64	43 10 13.3	74	112	
794	8	22 1.78	58 12 24.3	94	84	
795	8	22 2.05	62 20 38.4	148	66	
796	9	22 10.52	44 15 42.8	117	104	
797	8½	22 19.82	71 39 5.0	121	63	
798	8½	22 21.47	37 24 54.3	180	15	
799	9½	22 22.04	25 26 51.8	510	52	
800	8½	22 22.93	25 14 11.8	92	21	
	9	23.00	9.0	510	54	
	8½	23.02	10.6	92	19	
801	7	22 23.41	26 41 22.5	541	9	
802	8	22 23.52	36 41 33.0	507	34	
	7½	23.70	32.3	178	28	
803	7½	22 24.91	31 40 24.1	164	3	
	7	24.92	23.7	531	149	
	7	24.99	26.9	108	140	
804	7	22 26.51	52 47 12.5	536	52	
805	9½	22 27.13	28 0 49.5	132	39	
806	9½	22 27.20	32 31 59.6	108	139	
807	9	22 29.66	34 42 52.0	169	53	
808	9½	22 31.33	27 4 41.4	132	41	
	8½	31.43	40.7	541	11	
809	10	22 31.34	25 24 17.2	510	53	
810	9	22 32.22	27 22 27.6	132	40	
	8	32.28	26.9	541	10	
811	9½	22 32.99	68 11 25.2	151	59	
812	8½	22 34.92	43 29 5.1	117	106	} dpl.
813	8	22 36.01	43 29 1.5	117	105	
814	7½	22 37.18	54 25 41.3	161	25	
815	9½	22 37.90	23 12 2.4	82	120	
816	10	22 38.87	27 2 53.4	132	42	
817	7	22 39.99	25 44 31.4	510	55	
	7½	40.11	31.6	92	22	
818	9½	22 40.31	30 4 1.3	174	47	
819	8	22 40.57	62 41 28.4	148	67	
820	8½	22 43.17	31 51 42.5	531	150	
	9	43.18	43.6	108	141	
	9	43.26	43.4	543	20	
821	8	22 44.96	34 43 9.8	169	54	
822	9	22 46.72	30 10 59.5	531	151	
	9½	46.76	59.7	174	49	
823	8	22 53.31	58 16 41.6	94	85	
824	8	23 0.88	53 35 28.9	536	54	
825	8½	23 1.74	29 40 45.2	539	45	
826	9½	23 3.15	33 54 16.6	543	21	
827	6	23 4.47	41 3 9.6	74	114	
	6	4.75	6.4	158	52	
828	8	23 4.51	45 9 29.0	117	107	
	8½	4.53	29.2	166	51	
829	9	5 23 6.27	35 6 9.9	169	55	
	9	6.33	14.6	507	35	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
830	8	5 23 10.75	53 41 30.4	536	55
831	7	23 11.59	32 31 14.1	164	4
	7	11.68	14.8	108	143
832	8½	23 12.48	26 50 31.2	132	43
	8	12.57	30.4	541	12
833	8½	23 12.79	72 12 34.2	121	65
834	9	23 16.02	36 5 21.6	178	29
835	9	23 19.92	30 14 21.4	531	152
	9	20.09	21.4	174	50
836	9½	23 19.95	53 4 3.1	536	53
837	9½	23 21.79	48 8 14.1	515	75
838	8½	23 23.07	30 7 47.5	531	153
	9	23.16	46.5	539	46
	9	23.32	50.1	174	48
839	9½	23 24.56	51 32 50.0	533	91
840	9	23 26.19	77 1 42.9	755	1
841	7½	23 26.87	44 58 6.1	166	52
	7½	26.98	4.8	117	108
842	9	23 31.22	26 36 36.2	541	13
	9	31.31	24.7	92	23
843	9	23 33.97	29 27 48.7	539	48
844	7	23 35.90	39 19 31.8	158	53
845	8	23 36.03	32 55 34.7	169	56
	8	36.04	32.5	164	5
	8	36.17	34.4	543	22
	7½	36.18	34.8	108	144
846	8	23 36.48	31 56 34.5	543	23
	7½	36.52	34.6	108	142
847	9	23 37.22	61 12 49.1	148	69
848	7½	23 38.03	24 21 44.0	82	121
	7	38.10	45.5	510	57
849	8½	23 39.99	29 27 11.7	539	47
850	8½	23 41.08	56 42 30.9	161	26
851	9	23 43.45	30 5 26.0	531	154
	9½	43.48	27.2	174	51
852	8	23 43.51	46 11 49.6	166	53
853	7½	23 48.65	39 0 36.4	158	54
	7½	48.69	36.8	180	16
854	8½	23 52.00	31 11 13.1	164	6
855	9	23 55.67	24 31 46.3	82	122
	7	55.68	41.9	82	124
	9	55.76	41.5	510	56
856	6	23 57.11	37 20 8.6	180	17
857	9½	23 57.89	60 44 3.7	148	70
858	9½	23 58.36	27 53 52.3	132	44
859	8½	24 1.70	54 6 24.0	536	56
860	10	24 2.29	56 45 6.6	161	27
861	9	24 3.16	26 27 32.7	92	24
	9	3.37	31.0	541	14
862	9	24 7.39	36 42 50.7	178	32
	9	7.44	51.6	178	30
863	8	24 10.59	58 40 1.3	94	86
864	6½	24 10.90	64 28 34.9	177	28
865	9	24 11.27	25 23 26.3	510	58
866	9½	24 14.08	24 52 26.0	82	123
867	8	24 15.81	36 58 60.1	178	31
	8	15.85	59.6	180	18
868	7½	24 16.05	71 37 11.1	121	66
869	9½	24 16.16	50 8 26.3	533	92
870	8½	24 17.57	33 55 58.7	169	57
	8½	17.59	59.4	543	24
871	8½	24 18.78	44 33 47.0	117	109
872	7	24 18.83	30 13 3.5	174	52
	7	18.83	3.7	531	155
873	9	24 22.18	48 52 47.7	515	76
874	9½	24 23.99	78 33 54.0	155	19
875	9½	24 25.20	48 45 7.4	515	77
876	5½	24 29.89	59 1 6.7	94	87
877	9½	5 24 38.49	78 55 18.5	155	18
878	8	5 24 39.42	48 48 26.2	515	78
879	9	24 39.44	62 53 5.7	148	71
880	8	24 39.67	31 3 21.3	164	7
	7½	39.85	20.3	531	156
	7½	39.90	20.4	108	145
881	8½	24 41.31	34 53 15.8	169	59
882	9	24 45.70	40 6 30.3	158	57
883	9	24 47.24	38 53 17.0	180	19
	9½	47.39	16.8	158	55
884	9½	24 47.96	27 10 4.3	132	46
	9	47.99	1.7	541	15
885	8½	24 48.86	41 48 56.9	74	116
886	8½	24 53.51	26 23 21.5	541	16
	8½	53.69	23.7	92	25
887	8½	24 53.60	34 36 51.5	169	58
888	9	24 54.80	26 16 34.2	92	26
	8½	54.85	33.3	541	17
889	9½	24 55.89	31 41 27.3	531	158
890	8½	24 58.16	36 40 12.2	178	33
891	9½	24 58.47	40 6 6.3	158	56
892	8	25 0.68	72 26 59.9	121	67
893	8½	25 1.19	49 15 34.5	515	79
894	9½	25 3.72	45 54 12.2	166	54
895	9½	25 6.26	23 37 16.5	82	125
896	9	25 6.40	54 1 27.8	536	59
897	9	25 7.63	31 4 51.8	108	146
	9	7.67	51.3	531	157
898	9½	25 7.67	68 0 12.6	151	62
899	9	25 8.08	54 15 40.4	536	57
900	9½	25 17.14	46 39 0.3	166	55
901	8	25 18.54	28 32 1.2	539	49
902	9½	25 20.37	25 13 32.0	510	59
903	8½	25 20.73	28 10 35.2	539	50
	9	20.94	32.5	132	45
904	9½	25 22.68	70 7 31.6	151	60
905	8½	25 22.68	42 9 54.4	74	115
906	8	25 24.48	32 33 39.9	164	8
	8½	24.64	41.2	108	147
	8½	24.69	41.0	543	25
907	9	25 29.27	68 6 24.2	151	61
908	9½	25 32.09	63 17 19.7	148	72
909	9	25 32.95	40 34 46.7	158	58
910	8	25 36.00	40 50 27.5	74	117
911	10	25 36.44	40 32 17.4	158	59
912	8	25 36.78	65 50 43.0	177	29
913	9½	25 36.78	28 49 39.2	539	52
	9½	36.91	43.9	174	53
914	9	25 36.93	23 47 21.7	82	126
915	7½	25 38.64	73 54 38.5	121	68
916	9	25 39.76	28 52 33.1	539	51
	9	40.09	32.0	174	54
917	9½	25 40.40	23 35 0.3	82	127
918	9	25 41.55	51 2 48.6	502	57
	9	41.58	51.8	502	59
	9½	41.59	50.8	533	93
919	9½	25 43.31	30 56 56.1	531	159
920	9	25 44.62	44 22 55.9	117	110
921	8½	25 44.77	53 59 6.2	536	58
922	9½	25 44.80	25 3 51.4	510	60
923	9½	25 45.83	32 20 35.8	108	149
	9½	45.94	35.2	543	26
924	9	25 49.70	76 1 37.7	155	20
	8	49.75	40.1	755	4
925	9	25 49.91	64 22 11.6	177	32
926	8½	25 50.15	50 48 47.0	502	58
	7	50.20	47.9	533	94
927	9½	25 50.47	27 13 36.1	541	18
	10	50.74	37.2	132	47
928	9½	5 25 51.31	28 54 43.2	174	55

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
929	9	5 25 52.02	26 16 16.0	92	27	
930	8½	25 52.05	33 37 49.5	169	60	
	8½	52.15	50.1	543	27	
931	9	25 56.20	51 40 30.6	502	60	
	9	56.23	30.0	533	95	
932	8	25 58.23	52 2 36.6	502	61	
	8	58.27	36.5	533	96	
933	8½	25 59.50	43 52 10.8	117	112	
934	8	25 59.98	43 36 13.4	117	111	
935	7½	26 1.65	64 25 37.9	177	31	
936	8½	26 7.53	28 37 41.8	539	53	
	8	7.59	41.4	132	48	
937	8	26 9.49	64 42 16.0	177	30	
938	7½	26 9.53	60 30 45.4	94	88	
	8	9.72	46.6	148	74	
939	8	26 10.56	37 18 14.9	180	20	
940	8½	26 14.34	32 12 25.5	543	28	
	8	14.40	27.3	108	148	
	8	14.57	25.2	164	9	
941	8½	26 15.19	75 7 3.1	755	2	
	8	15.62	3.4	121	69	
	9	15.82	2.8	155	21	
942	9½	26 17.77	46 41 10.5	166	56	
943	9	26 19.69	23 31 12.8	82	128	
944	7½	26 20.82	43 40 34.7	117	114	
945	7½	26 23.90	47 10 22.3	166	58	
	7½	24.01	22.2	515	80	
946	10	26 26.48	67 39 20.3	151	63	
947	8½	26 29.71	59 14 41.3	94	89	
948	8	26 30.31	58 20 49.4	94	91	
949	9½	26 30.46	31 23 49.8	108	150	
	9	30.46	49.0	531	160	
950	8	26 30.62	24 53 31.2	92	28	
	8½	30.66	31.3	510	62	
951	9	26 31.99	25 48 54.4	92	29	
952	8½	26 32.06	58 28 23.0	94	90	
953	8½	26 32.54	60 46 36.1	148	73	
954	8½	26 32.99	35 27 39.1	178	34	
955	7½	26 33.75	43 47 25.4	117	113	
956	8½	26 33.79	32 53 1.3	164	10	
	9	33.82	0.8	169	61	
957	9	26 39.07	23 1 59.1	82	129	
958	8½	26 39.95	24 1 42.2	510	61	
959	6	26 43.43	47 10 4.1	515	81	
	5½	43.53	5.9	166	57	
960	9½	26 43.44	75 6 38.8	755	3	
961	8½	26 43.81	29 45 0.2	174	56	
962	8½	26 44.88	28 11 54.7	539	54	
	8½	44.98	53.7	132	49	
963	8	26 45.52	37 50 9.8	180	21	
964	4	26 46.84	35 33 46.9	178	35	
965	8	26 50.69	30 58 9.3	174	57	
	8	50.71	9.0	531	161	
	8½	50.72	10.0	108	151	
	8½	50.76	9.1	164	11	
966	8½	26 53.01	23 31 20.3	82	130	
	7½	53.15	20.0	102	1	
967	9	26 54.16	27 17 22.2	541	21	
968	9½	26 55.66	60 57 51.8	148	75	
969	8½	27 0.33	41 42 16.8	74	118	
970	8	27 2.76	53 21 38.9	536	60	
971	9	27 4.72	41 43 26.1	74	119	
972	8	27 6.76	47 17 44.6	515	82	
973	8½	27 7.86	33 28 43.3	543	29	
	8½	7.97	41.7	169	62	
974	8½	27 10.06	36 6 25.7	178	36	
975	9	5 27 12.06	50 37 47.0	533	97	
	9½	12.20	48.7	502	63	
	9	12.21	48.2	533	99	
976	9	5 27 12.19	30 56 29.1	174	58	
	9	12.32	29.1	531	162	
977	9½	27 12.64	34 50 55.7	169	63	
978	8½	27 13.63	37 20 34.3	180	22	
979	9	27 15.17	25 23 20.3	510	63	
980	9	27 16.72	27 44 53.4	541	19	
	9	16.74	57.6	132	51	
981	7	27 16.75	42 23 40.8	74	120	dpl. III. n.pr.
982	9½	27 17.60	38 53 31.2	158	60	
983	9½	27 21.32	27 41 54.7	541	20	
	10	21.42	54.6	132	50	
984	7½	27 24.53	50 11 38.3	533	98	
985	9	27 28.66	27 22 41.4	541	22	
	9½	28.72	44.8	132	52	
986	9	27 30.18	42 48 45.4	74	121	
987	9	27 30.95	52 32 9.5	536	61	
988	9	27 33.23	27 0 21.3	92	30	
989	9½	27 33.54	24 51 7.6	82	131	
	9	33.68	6.5	510	65	
990	9½	27 34.77	39 34 19.3	158	61	
991	7	27 39.57	68 43 14.2	151	66	
992	8	27 40.51	38 38 49.6	180	23	
993	9	27 41.13	23 30 6.7	102	2	
994	8½	27 41.28	36 2 39.2	178	37	
995	9½	27 42.06	30 38 38.1	174	59	
	9½	42.06	38.3	531	163	
996	9½	27 43.32	26 23 46.9	541	23	
	9	43.44	47.9	92	32	
997	8	27 43.45	33 37 14.7	169	64	
	8	43.48	13.7	543	30	
998	9½	27 46.30	51 24 8.3	502	62	
999	8½	27 49.78	26 21 9.8	541	24	
	8½	49.89	9.2	92	31	
1000	8½	27 51.96	70 9 50.3	151	67	
1001	9	27 52.24	60 5 42.9	94	93	
1002	8	27 56.31	25 27 24.1	92	33	
	7½	56.33	22.6	510	64	
1003	9½	27 57.20	47 55 28.3	515	83	
1004	8½	27 59.48	36 10 43.6	178	39	
1005	8	27 59.92	46 8 43.3	166	59	
1006	8	27 59.94	38 17 14.2	180	24	
1007	9	28 0.39	62 0 59.6	148	76	
1008	9	28 0.66	53 19 40.8	536	62	
1009	8½	28 1.05	36 18 27.9	178	38	
1010	6½	28 3.01	46 1 4.6	166	60	
1011	8½	28 4.13	26 49 8.7	132	54	
1012	8½	28 4.39	33 25 16.2	169	65	
	8½	4.50	14.0	543	31	
1013	9½	28 5.64	28 15 35.3	539	55	
1014	9½	28 7.59	24 49 5.0	82	132	
1015	8	28 8.07	61 55 5.4	148	77	
1016	7½	28 9.40	62 24 29.9	148	78	
1017	9	28 10.68	38 12 46.1	180	25	
1018	9½	28 10.76	68 10 15.4	151	65	
1019	8	28 12.09	50 33 3.6	533	100	
	8½	12.12	4.2	502	64	
1020	10	28 12.76	67 41 33.2	151	64	
1021	9½	28 16.53	51 37 46.3	533	101	
1022	9	28 17.07	58 38 15.8	94	92	
1023	9	28 18.08	26 50 19.6	132	53	
1024	8	28 21.08	24 25 12.7	82	133	
	8	21.15	12.0	510	66	
1025	9	28 22.09	52 48 11.5	536	63	
1026	6	28 22.86	65 32 53.9	177	33	
1027	9	28 24.23	54 59 31.2	161	28	
1028	8	28 26.85	50 9 16.9	533	103	
	8	26.88	17.4	502	65	
1029	9	28 28.81	39 40 49.0	158	62	
1030	8	5 28 30.62	49 6 33.5	515	84	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
1031	9	5 28 31.58	34 30 11.5	169	66
1032	8½	28 32.64	38 26 31.4	180	27
1033	8½	28 34.40	57 29 4.3	94	94
1034	9	28 35.25	34 34 37.9	169	68
1035	8½	28 37.86	30 51 16.9	164	12
	8	38.06	18.4	531	164
1036	7	28 38.47	57 15 5.4	161	29
1037	5½	28 39.04	38 36 5.1	180	26
1038	9	28 39.05	33 3 4.0	543	32
1039	6½	28 39.19	35 13 35.0	178	40
1040	8	28 42.61	65 5 41.8	177	34
1041	9	28 45.27	25 23 50.9	92	34
1042	7	28 45.39	34 23 27.7	169	67
1043	9	28 45.87	23 0 47.3	102	3
1044	9½	28 46.46	75 43 21.6	155	22
1045	9½	28 46.78	34 19 0.0	169	69
1046	9	28 47.99	57 4 34.7	161	30
1047	9	28 49.68	28 48 50.4	174	60
1048	9½	28 54.25	43 50 22.8	117	115
1049	9	28 54.87	48 12 20.5	515	85
1050	9	28 57.21	29 5 15.1	174	61
1051	8½	28 59.21	32 42 29.1	164	13
	8½	59.41	32.3	543	33
1052	9	29 0.13	50 50 16.3	502	66
	9	0.21	14.1	533	102
1053	9½	29 0.49	32 36 24.0	543	34
1054	8	29 0.92	28 14 7.0	132	56
1055	7½	29 1.98	30 1 40.2	174	62
	8	2.04	41.2	539	56
	8	2.12	37.7	545	1
1056	6½	29 3.17	29 56 8.3	539	57
	7	3.30	7.7	545	2
	6½	3.33	9.0	531	166
	6½	3.38	9.6	174	63
1057	9½	29 3.60	48 16 57.6	515	86
1058	9	29 4.15	48 2 48.3	515	87
1059	9	29 4.83	28 7 12.0	541	26
	9½	4.97	12.2	132	57
1060	8	29 7.43	66 46 49.8	177	35
1061	9½	29 7.89	24 25 29.1	82	136
	9½	7.92	29.2	510	67
1062	8	29 8.89	43 7 54.1	74	122
	8½	9.02	54.7	117	116
1063	9	29 9.47	29 48 9.0	531	167
	9½	9.62	6.6	539	58
1064	9½	29 9.49	27 11 16.3	132	55
	9½	9.58	13.8	541	25
1065	9	29 12.58	66 42 29.0	177	36
1066	10	29 13.23	47 8 38.8	166	61
1067	8½	29 13.39	37 38 11.0	180	28
1068	9	29 14.10	71 18 44.8	121	71
1069	9	29 16.72	39 32 18.9	158	63
1070	9	29 17.20	39 14 5.4	158	64
1071	7½	29 18.03	73 2 47.2	121	70
1072	9	29 18.43	35 5 9.3	178	41
1073	9	29 18.89	23 36 40.5	82	134
	8	19.05	40.2	102	4
1074	8½	29 19.54	79 47 12.6	755	5
	9½	20.58	11.6	155	25
1075	8½	29 21.38	66 31 53.8	177	37
1076	9	29 23.02	53 36 59.6	536	64
1077	9	29 27.18	25 37 54.0	92	35
	9	27.28	55.5	510	68
1078	8½	29 31.84	41 1 14.7	74	123
	8	32.12	14.5	158	65
1079	9	29 33.56	23 32 18.1	82	135
	8	33.67	15.8	102	5
1080	9	5 29 34.68	53 53 34.8	536	65
1081	10	5 29 34.71	45 45 7.0	166	62
1082	9	29 36.27	31 52 56.1	545	3
	9	36.30	56.5	543	35
	8½	36.33	55.8	531	165
1083	9	29 37.39	28 25 26.9	539	59
1084	9	29 43.61	34 50 55.9	178	42
1085	9½	29 44.28	30 50 19.7	174	65
1086	8	29 44.63	57 20 37.3	94	95
	8½	44.82	32.7	161	31
1087	9½	29 47.46	30 47 58.2	174	64
1088	8	29 48.71	75 46 50.2	755	6
	8	49.23	46.7	155	23
1089	9	29 50.06	47 17 13.9	515	88
1090	9	29 51.33	71 11 30.6	121	72
1091	9½	29 55.10	47 10 36.6	166	63
	9½	55.30	36.9	515	89
1092	9	29 58.83	54 35 11.7	161	32
	8½	59.00	11.3	536	66
1093	8½	30 1.69	70 59 57.3	121	74
	9	1.69	53.8	151	69
1094	9	30 4.92	61 32 35.7	148	80
1095	8½	30 5.33	34 33 38.2	169	70
1096	9½	30 7.58	27 36 9.0	541	28
1097	8½	30 8.67	35 29 2.3	178	43
1098	9	30 12.99	61 32 30.4	148	81
1099	8	30 14.01	31 46 38.5	164	14
	8	14.12	38.7	545	4
1100	7	30 15.96	49 27 30.7	502	67
	7	16.21	31.1	533	104
1101	9½	30 16.70	27 52 47.2	132	59
1102	9½	30 17.70	45 45 53.4	166	64
1103	7½	30 18.52	61 37 46.4	148	79
1104	8	30 23.03	51 43 37.2	502	68
	8	23.21	41.1	547	1
1105	9	30 25.44	27 14 62.7	132	58
	8½	25.55	59.6	541	27
1106	9	30 26.05	40 56 35.6	74	124
	9	26.40	34.5	158	66
1107	10	30 27.25	24 13 46.7	82	138
1108	8	30 28.34	33 40 17.4	169	72
	8	28.49	15.4	543	36
1109	9	30 34.13	35 27 13.0	178	44
1110	8	30 34.23	42 51 5.5	74	125
	8½	34.34	4.9	117	117
1111	8½	30 36.42	35 33 23.5	178	45
1112	8½	30 37.30	33 38 57.0	169	71
	8½	37.35	57.2	543	37
1113	6	30 39.25	33 9 57.2	169	74
	6	39.34	57.0	164	15
	6	39.44	55.3	543	38
1114	9	30 39.55	38 33 44.6	180	29
1115	9	30 41.00	66 37 55.1	177	38
1116	8½	30 42.06	70 54 58.4	151	68
	8	42.12	62.2	121	73
1117	8½	30 42.39	32 58 56.1	164	16
	8½	42.40	55.1	543	40
	8½	42.43	57.0	169	75
1118	8½	30 43.66	27 41 39.2	541	29
	8	43.70	37.4	146	1
	8½	43.90	40.1	132	60
1119	8	30 43.81	25 49 11.1	510	70
	8	43.83	8.5	92	36
1120	9	30 47.30	24 4 37.1	82	137
	8	47.35	37.2	510	69
	7½	47.38	36.9	102	6
1121	9	30 51.88	35 53 21.1	178	46
1122	7	5 30 52.24	33 21 13.8	169	73
	7	52.25	13.5	543	39

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1123	9	5 30 56.93	38 14 3.4	180	30	
1124	9	30 57.11	27 44 6.3	132	61	
	9½	57.18	5.9	541	30	
	9½	57.19	6.0	146	2	
1125	9	30 57.89	40 41 4.2	158	67	
1126	9	30 59.20	30 54 26.6	174	68	
	9	59.24	25.0	545	5	
	9	59.31	26.6	174	66	
1127	9½	31 2.76	45 3 55.8	117	118	
1128	10	31 4.72	52 27 26.5	536	67	
1129	8	31 7.63	60 12 33.8	94	96	
1130	9	31 8.31	24 42 25.8	82	139	
	8	8.42	23.4	102	7	
1131	9	31 8.68	72 50 38.8	121	77	
1132	9½	31 9.53	27 53 24.5	541	31	
1133	8	31 10.28	30 36 58.0	174	67	
	7	10.32	57.1	545	6	
1134	9½	31 13.82	40 51 3.1	158	68	
1135	6½	31 15.80	54 59 8.8	161	33	
1136	7	31 16.92	28 47 13.5	132	62	
	7	16.92	16.1	146	3	
	6½	17.07	14.3	539	60	
1137	9½	31 20.22	37 49 46.5	180	31	
1138	9	31 23.67	42 47 18.1	74	126	
1139	7	31 26.87	57 10 4.4	161	35	
1140	7½	31 27.37	49 1 40.3	515	90	
1141	8½	31 27.73	51 42 56.4	547	2	
	9	27.87	51.4	502	69	
1142	8½	31 29.44	41 59 9.4	74	127	
1143	8	31 31.91	25 54 32.1	541	32	
	8½	31.92	33.3	510	71	
	9	31.94	31.6	92	37	
1144	8½	31 36.44	24 6 32.8	102	10	
1145	8	31 36.47	24 46 56.8	82	140	
	8½	36.52	54.2	510	72	
	7½	36.68	54.5	102	8	
1146	9½	31 36.53	56 52 44.8	161	34	
1147	9	31 37.14	78 26 24.7	755	7	
	9½	37.52	25.4	155	24	
1148	9	31 37.20	37 55 35.3	180	32	
1149	9	31 37.32	36 8 52.7	178	47	
1150	7	31 37.79	52 42 42.3	536	68	
1151	9	31 38.85	66 45 46.0	177	39	
1152	8½	31 41.63	43 28 41.3	117	120	
1153	9	31 42.68	44 25 17.7	117	119	
1154	9½	31 47.29	47 1 32.0	166	65	
	9	47.44	32.4	515	91	
1155	9	31 48.05	23 55 1.6	82	141	
1156	9	31 49.67	70 55 3.9	121	75	
	9½	49.81	0.7	151	70	
1157	9½	31 56.40	32 44 52.3	164	17	
	9	56.47	50.7	543	41	
1158	9½	31 58.51	37 59 10.9	180	33	
1159	8	32 1.15	63 32 23.0	177	40	
	8½	1.46	22.9	148	83	
1160	9	32 4.48	34 2 20.3	543	42	
1161	8	32 4.94	24 28 43.0	510	73	
	7½	5.10	41.7	102	9	
1162	8	32 6.55	34 47 56.3	169	76	
1163	9½	32 6.87	40 47 12.0	158	69	
1164	8	32 7.00	72 54 12.0	121	78	
1165	9½	32 7.80	36 4 51.0	178	48	
1166	9½	32 8.70	43 13 34.6	117	121	
1167	7	32 8.92	35 8 26.6	178	49	
1168	10	32 13.08	40 46 53.7	158	70	
1169	9	32 13.80	30 31 49.0	174	69	
	8½	13.87	48.2	545	7	
1170	9½	32 18.54	25 56 45.0	541	33	
1171	5	32 18.77	64 18 36.8	177	41	
1172	9	5 32 18.79	65 54 36.2	177	44	
1173	8½	5 32 19.70	41 52 25.5	74	128	
1174	6½	32 20.42	27 56 44.5	132	63	
	6½	20.47	43.3	539	61	
1175	8½	32 22.51	33 54 55.3	543	44	
	8½	22.54	55.6	169	77	
1176	8½	32 22.58	60 1 52.2	94	98	
1177	9	32 22.95	71 0 18.0	151	71	
	8½	22.99	22.0	121	76	
1178	8½	32 28.08	36 51 16.2	180	34	
1179	9½	32 31.29	79 47 19.4	755	8	
1180	8½	32 32.10	33 53 46.7	169	78	
	8½	32.25	46.5	543	43	
1181	4	32 32.51	62 34 16.7	148	82	
1182	8	32 33.90	24 12 35.2	510	74	
	7½	34.16	36.6	102	11	
1183	8½	32 35.62	27 39 35.8	132	64	
	8	35.70	35.3	541	36	
1184	6½	32 39.16	47 23 28.2	515	92	
1185	8	32 41.25	44 6 53.3	117	122	
1186	7½	32 41.30	26 47 36.5	541	34	
	7½	41.35	39.1	92	38	
1187	9	32 43.12	31 10 43.9	545	8	
1188	8½	32 43.19	37 17 12.0	180	36	
1189	8½	32 43.58	51 48 34.4	536	69	
	9	43.97	36.8	547	3	
	9	43.97	34.2	502	70	
	9	44.00	35.9	547	5	
1190	9	32 45.30	46 6 1.4	166	66	
1191	9	32 45.32	36 57 14.5	180	35	
1192	9½	32 45.47	52 55 27.1	536	71	
1193	7	32 46.13	28 42 3.1	132	67	
	7½	46.16	4.9	539	63	
	7	46.24	3.6	146	4	
1194	7½	32 47.45	31 8 10.6	164	18	
	7½	47.49	11.9	545	9	
1195	9	32 48.69	51 35 28.8	547	4	
1196	9	32 49.18	28 5 9.4	539	64	
	8½	49.20	9.7	132	65	
1197	8	32 50.64	60 11 6.4	94	97	
1198	5½	32 51.91	28 45 56.0	539	62	
	5	52.03	58.0	132	66	
	5½	52.08	56.6	146	5	
	5	52.15	58.4	174	70	
1199	9	32 54.02	47 54 36.9	515	94	
1200	8½	32 56.73	66 1 27.7	177	43	
1201	8½	32 57.09	25 0 43.3	92	39	
	9½	57.18	41.7	510	76	
	9½	57.22	41.7	510	75	
1202	10	32 58.36	39 36 58.7	158	72	
1203	6½	32 58.55	29 0 44.0	174	71	
	8	58.60	44.2	132	68	
	7½	58.65	40.0	146	6	
1204	8½	33 0.53	63 37 46.5	177	42	
	9	0.72	45.4	148	84	
1205	8½	33 4.42	38 40 48.4	180	38	
1206	7½	33 7.81	38 5 53.0	180	37	
1207	7½	33 8.46	27 17 0.4	541	35	red
1208	9½	33 10.04	46 15 55.6	166	67	
1209	9½	33 12.11	35 2 15.3	178	51	
1210	8½	33 13.48	30 35 24.8	545	10	
1211	7	33 14.09	58 57 1.7	94	99	
1212	9	33 16.72	35 2 46.0	178	50	
1213	7	33 19.28	34 45 46.6	169	79	
1214	8½	33 20.79	53 5 10.4	536	70	
1215	8½	33 20.84	73 31 30.3	121	80	
1216	9	33 22.25	42 47 30.0	74	129	dpl. II.
1217	9½	33 28.08	49 39 21.9	502	71	
1218	8½	33 28.37	23 52 40.9	102	12	
1219	9	33 28.64	35 16 20.7	178	52	
1220	9½	5 33 29.21	77 28 14.8	755	9	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1221	9	5 33 29.34	39 34 4.5	158	71	
1222	8½	33 37.18	48 2 22.1	515	93	
1223	8½	33 39.64	51 51 6.3	547	6	
1224	8	33 40.84	28 54 31.8	146	7	
	7½	41.00	36.2	174	72	
	8½	41.02	35.2	132	69	
1225	9	33 40.87	60 58 12.9	148	86	
1226	9½	33 42.74	28 10 13.4	539	66	
1227	9	33 45.45	44 41 24.9	117	123	
1228	9	33 46.60	28 6 5.9	541	37	
	9½	46.73	6.5	539	65	
1229	9	33 47.88	39 52 39.3	158	74	
1230	8	33 49.17	41 14 17.2	100	1	
1231	9½	33 51.11	47 58 51.0	515	95	
1232	9½	33 54.75	55 29 11.7	161	36	
1233	8½	33 56.37	25 8 27.1	92	40	
	9	56.50	26.0	510	77	
	8½	56.72	26.0	102	14	
1234	8½	33 57.09	27 48 1.7	541	38	
	8	57.23	2.7	132	71	
1235	8½	34 0.08	52 51 44.4	536	72	
1236	8	34 4.20	24 57 4.4	92	42	
	8	4.25	4.6	510	78	
	7½	4.33	3.6	102	13	
1237	8	34 5.58	50 28 59.3	547	9	
	8	5.61	56.2	502	72	
1238	8½	34 6.30	39 23 46.4	158	73	
1239	9	34 7.69	42 23 56.3	74	130	
1240	8½	34 9.90	52 1 14.6	502	73	
	8½	9.94	18.4	547	7	
1241	7½	34 11.37	43 2 44.1	74	131	
	7½	11.56	45.7	117	124	
1242	9	34 13.76	36 41 7.6	178	53	
1243	8	34 16.27	41 28 19.6	100	2	
1244	8½	34 16.61	37 50 41.6	180	39	
1245	9½	34 17.57	68 1 0.3	151	72	
	9½	18.18	0.2	151	74	
1246	8	34 18.40	57 32 6.9	94	100	
	7½	18.47	2.1	161	37	
1247	8	34 18.66	25 18 50.7	510	79	
	8	18.70	51.2	92	43	
1248	8½	34 19.28	28 39 27.6	132	70	
	9	19.33	30.4	146	8	
	8½	19.50	31.3	539	68	
1249	9½	34 19.63	32 9 32.2	543	45	
1250	8½	34 21.63	24 23 12.0	102	15	
1251	9½	34 24.49	24 22 51.9	102	16	
1252	8	34 25.92	29 46 54.0	174	73	
	8	25.94	55.2	539	67	
1253	9	34 26.60	62 7 32.9	148	85	
1254	9	34 26.71	42 40 51.4	74	132	
1255	9	34 27.51	36 46 2.7	178	54	
1256	8½	34 27.53	43 31 0.7	117	125	
1257	8½	34 28.38	25 13 4.9	510	80	
	8	28.43	5.3	92	41	
1258	9	34 32.19	30 21 58.8	174	74	
	9	32.24	55.3	545	11	
1259	9	34 33.43	49 39 17.9	547	8	
	9	33.53	17.3	515	98	
1260	8½	34 38.07	37 49 44.4	180	40	
1261	8	34 38.73	41 21 59.2	100	3	dpl. II. n. pr.
1262	9	34 39.23	56 15 42.5	161	38	
1263	9½	34 39.77	25 41 25.7	510	81	
1264	9	34 39.84	46 9 40.4	166	68	dpl. II. s. pr.
1265	8½	34 40.80	53 46 17.4	536	73	
1266	6	34 42.79	40 46 41.6	158	76	
1267	9	34 45.35	79 51 12.7	755	10	
	9	46.13	13.2	155	26	
	9½	46.90	13.5	155	28	
1268	7½	5 34 47.94	47 47 9.1	515	97	
1269	9	5 34 48.13	37 44 55.0	180	41	
1270	9	34 49.83	47 38 19.9	515	96	
1271	9	34 52.06	27 30 4.6	146	9	
	9	52.11	3.8	541	39	
1272	8½	34 53.05	72 54 46.3	121	79	
	8½	53.23	46.3	143	1	
1273	9	34 54.45	32 9 7.0	545	12	
	9	54.61	6.4	543	46	
1274	7	34 55.25	23 47 24.0	102	17	
1275	8½	34 57.78	76 19 56.2	755	11	
	8½	58.05	58.0	155	27	
1276	9	34 57.87	29 42 3.6	174	76	
1277	9½	34 59.52	45 52 2.5	166	69	
1278	9	34 59.76	33 2 54.5	169	80	
	9	59.94	57.1	543	48	
1279	7½	35 0.66	53 36 27.7	536	74	
1280	9½	35 1.83	53 34 16.9	536	75	
1281	9½	35 2.54	29 50 35.7	174	77	
1282	9½	35 3.72	34 49 36.9	178	56	
1283	9½	35 4.37	27 0 35.6	146	10	
	9	4.38	35.2	132	72	
1284	2	35 7.39	34 8 30.4	543	49	
	2½	7.42	28.0	169	81	
1285	9½	35 7.88	40 13 19.0	158	75	
1286	9½	35 9.43	27 48 24.7	539	70	
	9½	9.57	22.1	541	40	
	9½	9.67	26.1	132	73	
1287	9	35 9.56	36 38 7.1	178	55	
1288	9	35 11.65	68 16 55.3	151	73	
1289	8	35 11.87	30 42 13.9	174	75	
1290	6	35 12.44	32 41 46.9	543	47	
	6	12.46	45.3	164	19	
1291	9½	35 13.81	45 25 30.6	166	70	
1292	9½	35 14.70	27 51 60.3	146	12	
	9	14.73	58.7	541	42	
	9	14.81	60.3	539	69	
1293	8½	35 16.01	41 49 16.8	74	133	
1294	6½	35 16.28	50 42 43.6	502	74	
	6½	16.35	44.8	547	10	
1295	8½	35 16.36	23 6 11.6	102	18	
1296	8	35 18.50	54 38 19.5	536	76	
1297	8½	35 19.43	43 48 24.7	117	126	
	8	19.61	24.3	138	1	
1298	9½	35 21.32	29 10 0.1	174	78	
1299	8	35 22.10	54 53 17.8	161	39	
1300	9	35 22.54	25 28 43.1	92	44	
1301	8	35 23.43	31 18 47.1	545	13	
	8	23.46	47.2	164	20	
1302	9	35 24.99	37 43 52.2	180	42	
1303	9	35 25.02	27 49 39.3	146	11	
	8	25.16	40.2	539	71	
	8½	25.16	39.7	132	74	
	8½	25.27	38.3	541	41	
1304	8	35 29.40	40 45 9.3	158	77	
1305	9½	35 29.47	65 2 20.8	177	45	
1306	9½	35 36.83	24 5 55.0	510	84	
1307	10	35 39.91	45 57 36.2	166	71	
1308	8½	35 40.95	25 44 18.4	92	45	
	8½	40.97	20.5	510	82	
1309	9	35 45.65	41 55 1.0	74	134	
1310	8½	35 46.33	52 6 28.8	547	11	
1311	9	35 48.44	25 50 35.2	510	83	
	9	48.64	35.6	92	46	
1312	9	35 51.94	38 53 25.2	180	43	
1313	8½	35 57.93	25 34 22.6	92	47	
1314	8½	35 58.29	42 57 35.6	117	127	
1315	9	35 58.69	24 38 0.4	102	19	dpl. III. pr.
1316	7½	35 59.04	41 34 48.8	74	135	
	7½	59.67	47.7	100	4	
1317	7½	5 35 59.41	55 1 22.0	161	40	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1318	9	5 35 59.97	50 12 0.1	502	76	} dpl.
1319	9	36 0.01	50 12 12.1	502	75	
1320	9	36 0.22	51 42 26.4	547	13	
1321	9	36 3.11	28 1 1.2	539	72	
	8½	3.26	2.4	132	75	
1322	7½	36 3.62	29 47 9.8	174	79	
1323	10	36 3.66	67 56 35.5	151	75	
1324	9	36 4.82	47 40 20.5	515	99	
1325	9	36 4.86	70 14 44.0	151	76	
1326	8½	36 6.49	31 27 58.6	545	14	
1327	9½	36 9.17	65 3 27.0	177	46	
1328	9½	36 9.38	57 16 39.0	161	41	
1329	8	36 9.93	31 24 10.9	545	15	
	8	9.95	8.9	164	21	
1330	8½	36 10.62	43 32 48.4	117	129	
	8½	10.81	47.7	138	3	
1331	9½	36 12.74	27 52 30.0	539	73	
	9½	12.88	29.8	146	13	
	9½	12.90	32.7	132	76	
1332	8	36 16.56	26 24 39.6	92	48	n. pr.
	8	16.56	38.9	541	43	
1333	9	36 17.40	26 25 1.3	541	44	s. sq.
	8½	17.57	2.4	92	49	
1334	9	36 17.74	66 21 43.3	177	48	
1335	9	36 18.80	28 38 4.0	539	74	
1336	9	36 18.94	30 32 39.4	174	80	
1337	9½	36 21.12	51 56 56.2	536	77	
	9	21.23	59.5	547	12	
1338	8	36 23.77	36 39 1.6	178	57	
1339	8½	36 24.20	33 22 4.7	543	50	
	8½	24.30	5.0	169	82	
1340	7½	36 25.96	43 39 2.8	117	128	
	8	26.15	2.5	138	2	
1341	8½	36 27.33	31 17 35.1	164	22	
	8½	27.56	37.5	545	16	
1342	7	36 30.58	59 11 6.9	94	101	
1343	10	36 30.99	27 48 5.1	132	78	
1344	9	36 33.84	24 53 44.1	510	87	
1345	8	36 40.40	61 33 43.6	508	1	
	9	40.58	47.5	148	87	
1346	9½	36 46.91	59 8 32.0	94	102	
1347	9½	36 48.14	35 3 14.4	169	83	
	8	48.22	16.2	140	1	
1348	9	36 48.38	28 7 53.7	539	75	
	9½	48.55	52.4	541	45	
	9½	48.66	51.6	146	14	
1349	8½	36 48.65	24 28 0.5	510	85	
	8	48.75	0.9	102†	20	
1350	5	36 49.99	76 25 44.9	182	1	
	5½	50.52	42.9	755	12	
	5½	50.60	43.1	155	29	
1351	9½	36 50.68	49 31 36.2	515	100	
	9	50.73	37.1	547	15	
1352	8½	36 51.75	71 49 11.2	143	2	
1353	9	36 52.09	33 9 42.1	543	53	
1354	6½	36 52.60	33 27 47.4	169	85	
	6½	52.61	48.1	543	51	
1355	9	36 52.78	24 23 35.4	510	86	
	8	52.91	35.7	102	21	
1356	9	36 53.03	30 44 6.6	174	81	
	9	53.03	6.5	545	17	
1357	8½	36 54.53	35 18 40.4	178	59	dpl. II. n.
1358	6	36 54.78	66 37 47.4	177	47	
1359	9½	36 56.43	45 48 16.3	166	72	
1360	9	36 58.41	27 45 14.2	541	47	
	9	58.50	17.8	132	77	
1361	8½	36 58.49	36 57 34.4	178	58	
	8½	58.59	33.7	180	44	
1362	8	5 36 58.55	71 12 37.5	143	4	
1363	9½	5 36 59.12	25 2 14.2	510	88	
1364	9	37 0.78	50 44 57.0	502	77	
	9	0.98	59.6	547	14	
1365	9	37 2.12	33 44 13.7	169	84	
1366	9	37 4.38	33 31 8.1	543	52	
	9	4.62	8.2	169	86	
1367	8	37 5.05	61 14 6.0	508	2	
	9	5.05	7.7	148	88	
1368	9½	37 5.15	39 57 28.5	158	79	
	9	5.24	29.0	158	78	
1369	8	37 7.19	75 18 46.9	182†	2	
	8	7.22	47.9	755	13	
	8½	7.80	46.9	155	30	
1370	9	37 7.29	49 36 18.6	547	16	
	8½	7.50	14.5	515	101	
	9	7.53	13.4	502	78	
1371	10	37 13.50	53 21 26.1	536	78	
1372	9	37 13.81	37 28 19.5	180	45	
1373	9½	37 15.78	25 0 28.8	510	89	
	9	15.97	29.3	92	51	
1374	9½	37 16.32	26 32 5.7	92	50	
1375	8½	37 18.15	71 44 55.2	143	3	
1376	7½	37 19.55	59 1 28.5	94	103	
1377	8½	37 21.07	35 8 0.5	140	2	
1378	9½	37 21.98	75 15 25.4	155	31	
	9	22.14	27.7	182†	4	
1379	8	37 23.51	27 46 4.7	146	15	
	8	23.66	2.8	541	46	
	8	23.77	2.1	132	79	
1380	10	37 24.91	45 48 0.2	166	73	
1381	6½	37 25.87	30 35 47.9	545	18	
	6	25.95	47.3	174	82	
1382	8½	37 27.55	31 58 11.3	545	19	
1383	9	37 31.48	41 47 3.6	74	137	
1384	9	37 31.53	23 53 17.8	510	90	
	9	31.73	15.4	102	22	
1385	8½	37 32.34	42 20 6.7	74	136	
	8	32.67	6.6	100	6	
	8	32.70	6.6	100	5	
1386	9½	37 33.60	64 58 34.9	177	49	
1387	9½	37 36.46	23 35 30.1	102	23	
1388	10	37 39.63	45 47 59.8	166	74	
1389	8½	37 44.11	36 27 5.4	178	60	
1390	9	37 44.59	33 15 46.7	543	54	
1391	5½	37 46.39	34 43 46.7	169	87	
	5½	46.42	47.9	140	3	
1392	9	37 50.20	31 57 35.6	545	20	
1393	6	37 51.63	73 48 51.2	121	83	
1394	9½	37 54.45	53 17 19.7	536	79	
1395	8½	37 58.09	33 3 55.9	543	55	
	8½	58.13	54.8	164	23	
1396	9	37 59.62	56 34 13.0	161	42	
1397	8	38 0.94	53 8 17.9	536	81	
1398	7	38 1.27	53 16 48.1	536	80	
1399	8½	38 1.74	44 59 16.5	166	75	
	7½	1.76	15.9	117	130	
	7½	1.80	15.5	138	4	
	8½	1.88	17.7	166	76	
1400	8½	38 2.72	29 23 21.5	539	76	
	9	2.91	19.4	174	83	
1401	9	38 3.55	24 56 28.3	92	52	
1402	8	38 4.20	37 31 5.0	180	46	
1403	9	38 8.07	51 55 1.9	547	17	
1404	9½	38 9.30	25 2 9.4	92	53	
1405	9	38 10.59	32 57 41.5	543	56	
	8½	10.71	41.7	164	24	
1406	9	38 10.96	72 58 37.4	121	82	n. pr.
	9½	11.24	37.9	143	7	
1407	9½	5 38 11.35	37 25 35.0	180	47	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1408	8	5 38 14.03	72 58 47.9	143	6	s. sq.
	8	14.25	46.7	121	81	
1409	7	38 15.24	48 18 43.5	515	103	
1410	8½	38 16.76	32 3 10.7	164	25	
	8½	16.78	10.9	543	57	
	8½	16.89	12.7	545	21	
1411	8½	38 18.41	34 8 21.9	169	88	
	8	18.53	23.8	140	4	
1412	8	38 21.51	34 0 57.9	169	89	
	7	21.52	57.0	140	5	
1413	7½	38 22.84	43 34 9.3	117	131	
	7½	22.86	10.0	138	6	
1414	8½	38 23.27	50 48 58.0	502	80	
	8½	23.40	61.3	547	20	
1415	9	38 23.46	75 10 12.4	182†	3	
1416	9	38 24.56	25 40 41.8	510	91	
1417	8	38 25.19	26 12 11.4	92	55	
	7½	25.32	7.9	541	48	
1418	9½	38 25.63	30 46 29.7	174	84	
1419	9½	38 26.20	59 19 45.2	94	104	
1420	9½	38 26.76	48 32 24.1	515	102	
1421	9½	38 27.34	52 1 57.5	502	81	
	9	27.40	60.4	547	18	
1422	9½	38 28.33	23 35 44.2	102	24	
1423	7½	38 33.37	54 47 59.2	161	44	
1424	8	38 40.27	54 31 27.9	161	43	
	7½	40.52	26.6	536	83	
1425	7	38 40.34	33 28 58.2	543	58	
	7	40.39	58.0	169	90	
	7	40.54	56.6	140	6	
1426	9	38 41.39	23 35 6.4	102	25	
1427	9	38 43.12	50 3 58.2	502	79	
1428	9½	38 44.97	57 35 15.5	161	46	
1429	9½	38 45.05	25 1 24.1	510	92	
	9	45.11	22.8	92	54	
1430	9½	38 45.17	42 0 2.1	74	138	
	9½	45.24	0.8	100	7	
1431	9½	38 45.27	68 30 36.4	549	3	
1432	9½	38 45.45	40 5 2.4	158	80	
1433	9½	38 45.97	23 25 16.1	102	26	
1434	9	38 47.29	64 51 23.7	177	50	
1435	9½	38 49.30	29 55 24.7	174	85	
1436	9	38 53.38	35 32 58.3	178	61	
1437	10	38 58.72	70 44 58.3	151	78	
1438	8½	39 0.87	70 29 6.0	549	1	
	9	0.97	4.2	151	77	
1439	9½	39 1.35	31 7 9.7	174	86	
	9	1.56	8.7	545	24	
1440	9	39 3.32	52 41 19.0	536	82	
1441	9	39 4.26	43 31 26.6	117	132	
	8½	4.34	23.8	138	5	
1442	9	39 5.63	40 13 9.7	158	81	
1443	9	39 5.94	23 49 57.3	102	28	
1444	9	39 6.68	43 51 29.0	117	133	
1445	8	39 7.46	52 3 2.6	536	84	
	8	7.79	3.1	502	82	
	8½	7.84	3.3	547	19	
1446	9	39 7.91	62 59 53.1	148	89	
	8½	8.13	52.6	508	3	
1447	9	39 9.73	70 1 41.8	151	79	
	9	9.74	42.8	549	2	
1448	9	39 9.86	57 30 7.5	94	106	
	9½	10.06	5.8	161	47	
1449	9½	39 9.95	74 19 10.3	143	9	
	9	10.06	8.4	121	84	
1450	7½	39 12.00	73 2 60.0	121	85	
	8	12.15	58.2	143	5	
1451	8½	5 39 12.03	42 54 20.7	74	139	
	8	12.46	20.1	138	7	
1452	9	5 39 12.30	79 5 8.9	755	14	
1453	8	39 13.30	28 16 56.9	539	77	
	8½	13.34	57.3	132	80	
	8½	13.39	56.9	146	16	
1454	9	39 13.60	57 26 50.7	94	107	
1455	8	39 14.62	45 17 35.1	166	77	
1456	9	39 15.08	28 39 55.5	132	81	
1457	8	39 15.20	27 36 2.7	132	82	
	8½	15.37	1.9	146	17	
	8	15.37	1.0	541	49	
1458	9	39 15.31	23 40 7.0	102	27	
1459	9½	39 17.30	62 42 32.3	508	4	
1460	9	39 18.27	30 39 58.4	174	87	
	8½	18.30	58.1	545	22	
1461	8	39 20.46	58 33 37.4	94	105	
1462	9½	39 20.59	24 27 16.7	510	93	
1463	6½	39 22.64	39 27 48.1	158	82	
1464	9½	39 24.10	48 48 25.2	515	104	
1465	9	39 24.60	41 55 1.0	100	8	
1466	9	39 24.75	50 32 16.8	547	21	
1467	8	39 25.85	56 29 50.2	161	45	
1468	8½	39 26.02	37 45 55.0	180	48	
1469	8½	39 31.04	39 58 47.5	158	83	
1470	9	39 34.97	26 19 0.7	92	56	
1471	10	39 35.83	37 54 1.7	180	49	
1472	10	39 36.09	75 25 29.9	155	32	
1473	9	39 39.02	44 35 47.6	117	134	
1474	9½	39 39.05	30 39 36.6	174	88	
	8½	39.21	39.2	545	23	
1475	8½	39 39.60	26 12 15.7	92	57	
1476	9	39 41.60	35 32 0.3	178	62	
1477	9	39 44.78	67 6 11.1	549	4	
	9½	44.79	9.4	151	80	
	8½	44.83	7.4	177	51	
1478	8	39 45.14	46 30 36.5	166	78	
1479	8½	39 45.91	38 22 27.8	180	50	
1480	9½	39 46.15	41 50 56.7	100	9	
1481	8½	39 47.54	38 28 0.0	180	51	
1482	8	39 47.90	59 49 41.8	94	108	
1483	8	39 51.34	29 57 52.4	539	78	
1484	9	39 52.80	32 14 26.1	543	60	
1485	8	39 53.38	44 41 31.9	117	135	
	8½	53.52	29.8	138	8	
1486	8½	39 58.82	44 30 13.9	117	136	
1487	9	40 0.23	27 28 4.9	541	50	
1488	9	40 2.10	29 53 19.3	539	79	
1489	9½	40 2.13	27 45 6.8	146	18	
	9	2.19	5.5	132	83	
1490	9½	40 2.99	66 59 1.2	549	6	
1491	7	40 3.36	73 45 38.3	143	8	
	7	3.53	39.3	121	86	
1492	9	40 5.44	26 36 29.5	541	52	pr.
1493	8½	40 5.63	23 40 53.9	102	30	
1494	9	40 5.63	32 52 13.9	169	91	
	8½	5.76	13.5	140	8	
	8½	5.84	11.9	543	59	
	8½	5.95	11.5	140	7	
1495	9	40 5.71	30 59 37.7	545	25	
1496	6½	40 8.34	45 53 27.8	166	79	
1497	9	40 9.03	45 40 37.8	166	80	
1498	9	40 10.20	29 49 10.9	539	80	
1499	8	40 10.38	23 53 16.6	510	94	
	8	10.47	15.1	102	29	
1500	8½	40 10.57	41 9 37.6	158	84	
	8	10.77	36.3	100	10	
1501	8½	40 11.36	27 3 16.3	92	58	
	8	11.36	13.2	541	51	
1502	9	40 11.67	30 25 42.1	174	90	
1503	9½	5 40 12.12	66 57 45.2	549	5	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1504	9	5 40 12.25	45 47 47.3	166	81	
1505	9	40 14.38	30 33 37.4	545	27	
	9	14.54	33.8	174	89	
1506	9	40 14.74	71 20 43.6	121	87	
1507	9	40 14.94	35 28 25.0	178	63	
1508	9	40 15.96	49 34 29.5	515	105	
	9	15.96	30.9	547	23	
1509	8	40 20.25	49 53 52.0	502	83	
	8	20.43	53.0	547	22	
1510	10	40 21.23	25 48 7.8	510	95	p
1511	8	40 26.77	74 46 55.9	121	88	
	9	27.11	55.7	143	10	
1512	9½	40 28.09	27 40 8.7	132	84	
1513	9	40 28.48	50 31 9.4	547	24	
1514	9	40 31.21	29 57 46.0	539	81	
	9	31.36	44.6	545	26	
1515	7	40 31.95	31 43 16.2	164	26	
1516	8	40 33.28	27 32 10.5	146	19	
	8	33.37	11.8	132	85	
1517	8½	40 37.04	32 39 57.2	164	27	
1518	7½	40 41.69	23 11 22.3	102	31	
1519	9½	40 48.43	23 46 42.1	102	33	
1520	9	40 49.54	30 35 22.8	545	28	
	9	49.57	23.9	174	91	
1521	9	40 52.38	54 52 28.6	161	48	
1522	9	40 53.07	27 26 52.9	132	86	
	9	53.16	53.3	146	20	
1523	9	40 53.36	46 15 51.7	166	82	
1524	9	40 55.61	30 57 38.5	174	92	
1525	9½	40 56.12	43 34 44.1	117	137	
1526	9½	40 57.82	62 59 12.6	508	6	p
1527	10	40 59.22	27 27 24.4	146	21	
1528	7	40 59.69	62 58 12.2	148	90	
	7	59.85	12.9	508	5	
1529	9	41 1.42	29 8 32.8	174	93	
1530	9	41 1.62	53 44 16.4	536	85	
1531	9½	41 2.10	30 2 17.2	539	82	
1532	7	41 2.88	23 41 39.0	102	32	
1533	7	41 3.38	40 14 59.3	158	86	
1534	9	41 4.15	26 56 18.8	92	59	
	10	4.35	18.5	132	87	
1535	8	41 4.43	49 13 34.6	515	106	
1536	9	41 5.16	34 15 6.6	169	93	
	9	5.28	6.0	169	92	
1537	8½	41 5.45	26 40 23.0	541	54	
1538	9	41 5.93	25 55 35.8	510	96	
	9	6.10	34.9	541	53	
1539	8½	41 7.62	38 44 26.1	180	52	
1540	9	41 10.36	36 55 46.4	178	64	
1541	9½	41 12,86	52 6 5.8	502	84	
	9	13.23	8.0	547	25	
1542	8½	41 13.46	46 20 49.4	166	83	
1543	10	41 14.11	46 21 40.5	166	84	
1544	7½	41 16.67	39 21 51.0	519	1	
1545	8½	41 17.07	76 4 52.9	755	16	
	9	17.37	55.8	155	33	
1546	9½	41 17.49	38 24 20.6	180	53	
1547	8½	41 20.66	53 25 40.1	536	86	
1548	5½	41 21.17	32 21 16.7	164	28	
	5	21.27	17.5	543	61	
1549	9	41 26.28	45 10 18.6	138	10	
1550	8½	41 27.11	26 25 32.3	541	56	
1551	9	41 28.65	26 49 25.0	541	55	
	9	28.82	26.9	132	89	
	9	28.86	26.9	92	60	
1552	9½	41 29.38	27 0 60.0	132	88	
	9	29.47	58.0	92	61	
1553	9	5 41 33.91	41 8 30.1	158	85	
	8	34.09	31.2	100	11	
1554	10	5 41 37.64	60 55 19.5	148	91	
1555	8½	41 41.04	33 1 38.3	140	9	
	9½	41.12	40.7	164	29	
	8½	41.13	40.8	543	62	
	9	41.14	40.3	169	94	
1556	8	41 43.17	40 18 9.6	158	87	
1557	8½	41 44.64	75 30 47.8	182†	5	
	8½	44.77	48.8	755	15	
	9	45.39	48.6	155	34	
1558	9	41 44.92	35 26 44.9	178	65	
1559	8	41 46.72	52 39 18.3	536	87	
1560	9	41 48.53	44 59 42.3	138	11	
	8½	48.59	42.3	138	9	
1561	9	41 49.14	66 8 48.6	177	52	
1562	9	41 49.61	30 36 46.9	545	29	
1563	9	41 51.39	37 53 24.9	180	54	
1564	8	41 54.55	55 44 53.2	161	49	
1565	9½	41 55.63	25 16 32.0	510	99	
1566	7½	41 59.30	67 27 31.1	549	7	
1567	8	41 59.95	68 49 32.4	151	81	
	7½	60.18	34.9	549	10	
1568	8½	42 1.26	28 55 58.8	146	22	
	7½	1.36	59.8	174	94	
1569	8	42 4.77	24 32 35.1	102	34	s.pr.
	8½	4.99	36.0	510	97	
1570	9	42 5.92	24 32 31.3	510	98	n.sq.
	8½	6.03	30.1	102	35	
1571	9	42 6.06	50 57 33.5	547	27	
1572	8½	42 7.17	26 18 14.7	541	57	
1573	9	42 10.62	28 18 50.7	539	83	
1574	8½	42 10.92	50 15 22.2	502	85	
1575	6	42 11.62	28 41 8.8	539	84	
	7	11.70	7.7	146	23	
1576	9½	42 11.72	50 53 38.3	547	28	
1577	8½	42 11.82	47 25 51.1	515	107	
1578	8	42 12.31	56 58 2.5	161	50	
1579	9	42 13.21	50 59 58.4	502	86	
	9	13.72	60.5	547	26	
1580	8½	42 13.38	43 19 —	117	138	
1581	9½	42 17.57	34 6 57.9	543	63	
1582	9	42 18.56	68 56 4.0	549	11	
1583	9	42 18.71	72 31 51.8	143	12	
1584	7	42 20.30	36 16 38.1	178	66	
1585	8½	42 21.06	34 56 42.2	169	95	
	8½	21.09	43.3	140	11	
1586	9½	42 22.45	23 56 21.5	102	37	
1587	9½	42 22.65	32 2 45.9	545	30	
1588	7½	42 22.85	27 10 46.6	541	58	
	8	22.96	46.9	132	90	
1589	9	42 23.19	33 48 5.4	169	96	
	8½	23.19	5.8	140	10	
1590	7½	42 24.82	47 3 16.3	515	108	
	8	24.98	15.2	166	86	
1591	9	42 24.95	78 51 49.8	182†	8	
1592	9	42 25.92	35 41 25.3	178	68	
1593	9	42 26.30	24 4 41.9	102	36	
1594	9	42 27.78	37 23 0.4	180	55	
1595	9½	42 28.84	59 59 46.2	94	109	
1596	9	42 29.38	26 58 6.1	92	62	
1597	8½	42 32.51	39 15 39.7	158	88	
	8½	32.51	40.7	519	2	
1598	9½	42 34.84	56 45 53.7	161	51	
1599	10	42 35.51	70 24 39.4	549	13	
1600	9	42 45.19	23 51 28.3	102	38	
1601	8½	42 46.00	68 45 53.5	549	9	
	9	46.16	53.0	151	82	
1602	8	42 52.67	67 11 19.5	177	53	
	8	52.81	23.8	549	8	
1603	8½	5 42 54.37	52 43 39.1	536	88	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
1604	8½	5 42 54.39	31 20 38.6	164	30
1605	6½	42 54.67	35 43 16.8	178	67
1606	9	42 55.57	27 0 39.0	92	63
1607	8½	42 56.30	55 46 19.3	161	53
1608	9	42 56.80	28 35 29.8	146	24
	9	57.03	32.8	539	85
1609	6	42 59.59	46 38 37.6	166	85
1610	8	43 0.55	42 11 47.7	100	12
1611	9	43 1.97	39 9 23.8	519	3
	9	2.16	24.7	180	56
1612	8½	43 3.27	43 16 1.8	138	12
1613	9½	43 7.72	65 46 39.0	177	54
1614	8	43 9.62	38 16 30.5	180	57
1615	9	43 9.91	45 25 32.9	166	88
1616	8½	43 10.16	52 47 11.4	536	89
1617	7½	43 10.34	55 37 29.8	161	52
1618	9	43 11.21	30 48 53.5	545	31
	9½	11.29	53.9	174	95
1619	9	43 11.78	37 48 26.9	180	59
1620	8	43 12.20	24 30 20.4	510	101
1621	8½	43 12.40	49 19 44.1	547	29
	8½	12.44	43.9	515	109
1622	8½	43 12.82	50 55 4.0	502	87
	8½	13.24	6.4	547	32
1623	9	43 13.92	72 19 42.0	143	11
1624	9½	43 14.94	49 54 11.9	547	30
1625	8½	43 15.16	26 10 35.6	541	59
	9	15.31	35.7	510	100
	9	15.42	36.3	92	64
1626	7½	43 15.74	78 53 0.1	755	17
	6	16.06	0.7	182†	6
1627	9½	43 15.91	79 53 30.6	755	18
	9	17.28	28.6	182†	7
1628	9	43 18.26	33 27 51.1	169	99
	9	18.38	52.3	543	64
1629	9	43 18.39	30 57 44.6	545	32
	9	18.50	44.7	174	96
1630	9½	43 18.88	35 19 54.2	178	70
1631	9	43 21.46	43 9 58.3	138	13
	9½	21.74	59.9	100	14
1632	7½	43 22.18	44 50 39.3	138	15
1633	8½	43 23.77	45 41 48.6	166	87
1634	8½	43 24.70	38 2 15.8	180	58
1635	9	43 25.88	23 2 36.7	102	39
1636	8	43 31.15	34 30 46.4	140	12
1637	8	43 33.27	48 26 25.1	515	112
1638	7	43 33.67	41 38 0.8	100	13
1639	9	43 34.00	43 11 11.1	138	14
1640	9	43 34.63	24 11 23.3	510	102
	8½	34.71	19.6	102	41
1641	9	43 35.35	27 55 45.2	541	60
1642	9½	43 37.01	40 40 52.5	519	4
1643	8½	43 37.16	35 22 22.2	178	71
1644	9	43 37.85	59 58 30.8	551	3
	9	37.93	29.3	94	110
1645	9	43 38.13	33 16 28.9	169	97
1646	9½	43 42.60	53 16 41.1	536	91
1647	8½	43 43.69	25 9 46.4	92	65
1648	7	43 45.91	33 28 20.9	169	98
	7	45.94	20.5	543	65
	7	45.96	22.3	140	14
1649	7	43 46.80	53 15 33.3	536	90
1650	9	43 47.07	60 34 27.0	508	7
1651	8½	43 47.51	50 53 60.7	547	31
	8½	47.69	59.6	502	88
1652	9½	43 50.01	31 17 36.7	545	33
1653	8	43 50.58	23 51 8.5	102	40
1654	9	5 43 51.68	50 47 54.7	502	89
	9	52.13	57.5	547	33
1655	8	5 43 54.35	34 58 40.5	178	69
1656	9½	43 55.97	60 45 36.3	148	92
	9	56.18	38.9	508	9
1657	9½	43 56.03	30 39 28.8	174	98
1658	9	43 56.21	70 26 0.0	549	12
1659	8½	43 56.24	59 52 29.3	94	111
	8½	56.29	27.7	551	1
1660	7	43 57.43	40 41 44.6	519	5
1661	9	44 1.60	33 14 10.9	169	100
1662	9	44 1.82	31 39 49.0	545	34
1663	8½	44 1.97	60 46 7.8	508	8
	9	2.21	5.4	148	93
1664	9½	44 4.75	45 2 47.2	166	89
1665	8½	44 5.83	55 58 53.0	161	54
1666	8	44 8.36	68 7 54.1	549	16
1667	8½	44 9.45	24 57 25.4	92	66
1668	8½	44 11.15	28 25 10.1	539	86
	9	11.44	7.9	146	25
1669	8½	44 12.12	24 18 39.5	510	103
	8	12.25	39.7	102	42
1670	8	44 12.22	48 47 31.8	515	110
1671	7	44 13.54	32 28 1.8	543	68
	7½	13.69	0.7	164	33
1672	9	44 14.60	33 54 47.3	140	13
1673	8	44 14.84	24 30 7.7	102	43
	9	14.93	6.5	510	104
1674	10	44 15.78	32 28 58.6	543	69
1675	9	44 18.79	35 51 55.4	178	72
1676	4	44 19.35	51 6 45.3	547	34
	4	19.37	44.6	502	90
1677	9	44 20.20	26 44 50.6	541	62
1678	7½	44 22.72	31 43 51.9	164	31
	8	22.72	52.0	545	35
1679	8½	44 24.96	29 37 35.3	539	88
1680	8½	44 26.79	32 4 18.6	545	36
	8½	26.84	16.7	543	66
	8	26.94	17.9	164	32
1681	9	44 27.79	51 45 45.6	547	35
1682	9	44 27.93	58 49 8.0	94	112
	8½	28.03	7.6	551	2
1683	9½	44 29.23	30 30 6.0	174	99
1684	7	44 29.73	32 32 37.6	164	34
	6½	29.75	37.5	543	67
1685	9½	44 29.74	44 53 4.0	138	16
1686	9	44 32.06	39 19 9.4	519	8
1687	9	44 32.14	39 58 32.9	519	7
1688	4	44 32.84	65 46 54.2	177	55
1689	8½	44 34.07	48 31 51.4	515	111
	8½	34.14	52.2	515	114
1690	8	44 34.12	29 35 59.8	539	87
1691	8	44 34.73	26 23 8.1	541	61
1692	9½	44 34.73	54 20 32.2	536	93
1693	9	44 35.55	31 7 50.7	174	97
1694	9½	44 36.02	41 0 1.3	519	6
1695	10	44 38.83	24 19 13.9	510	105
1696	7½	44 40.80	61 16 29.0	508	10
1697	9½	44 40.82	54 18 35.8	536	94
1698	8½	44 41.28	50 5 10.4	547	36
1699	6½	44 42.10	54 24 9.7	161	55
	6½	42.20	11.3	536	92
1700	9	44 43.09	30 30 3.4	545	38
1701	9½	44 44.39	70 30 19.8	549	14
1702	8½	44 46.25	34 36 0.3	140	16
	8½	46.30	0.5	169	102
1703	9	44 46.35	28 36 18.9	539	89
1704	9	44 47.55	48 19 11.7	515	113
1705	10	44 48.71	73 28 32.9	143	13
1706	9	44 50.52	54 2 20.7	536	95
1707	9	5 44 50.79	54 53 2.2	161	56

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1708	8½	5 44 51.22	25 2 23.8	92	67	
	8½	51.30	21.3	102	44	
	8½	51.32	20.3	510	107	
1709	9	44 54.67	34 9 52.4	169	101	
	9	54.79	50.8	140	15	
1710	8½	44 58.59	37 33 4.3	180	62	
1711	9½	44 58.99	32 31 33.0	543	70	
1712	9½	45 0.36	30 32 32.4	174	101	
1713	9½	45 0.73	27 35 42.5	146	26	
1714	10	45 1.98	47 10 2.6	166	90	
	9½	2.12	3.0	515	115	
1715	8½	45 4.34	24 8 52.6	510	106	
1716	9	45 8.63	55 4 43.9	161	57	
1717	8	45 8.69	37 13 24.3	180	60	
1718	6	45 8.85	30 39 29.9	174	100	
	7	8.88	30.3	545	37	
1719	8½	45 10.32	25 49 14.0	541	63	
	8½	10.41	15.1	92	68	
1720	8	45 10.71	49 1 21.6	515	116	
1721	9½	45 12.43	37 2 21.0	180	61	
	9	12.74	21.3	178	73	
1722	9	45 14.80	53 40 29.6	536	96	
1723	9	45 16.58	60 22 14.5	551	4	
1724	10	45 17.29	24 22 41.8	102	45	
1725	10	45 23.60	30 34 9.3	174	102	
1726	8½	45 26.30	46 21 17.6	166	91	
1727	8½	45 26.77	30 52 22.0	545	39	
1728	9	45 29.25	56 51 24.7	161	58	
1729	9	45 31.29	49 5 34.4	515	117	
1730	7½	45 32.99	32 50 41.1	164	35	
	7	33.01	43.4	543	71	
1731	8	45 33.87	34 35 26.2	140	17	
	7½	33.89	25.7	169	103	
1732	9	45 34.32	79 58 17.6	755	22	
	9	34.54	18.3	755	19	
	8½	35.67	17.8	182†	9	
1733	8½	45 39.22	36 14 5.1	178	74	dpl. I.
1734	9	45 40.18	44 40 37.0	138	17	
1735	9	45 40.83	41 4 49.2	100	15	
	9	40.88	43.5	519	9	
1736	9	45 41.32	24 22 32.8	102	46	
1737	9	45 43.31	25 45 51.6	510	109	
	8½	43.49	51.6	92	69	
1738	8½	45 43.41	44 43 15.6	138	18	
1739	9	45 46.75	29 53 1.4	174	103	
1740	8½	45 54.01	29 9 5.9	146	27	
	8½	54.04	7.1	539	90	
1741	9	45 54.33	26 46 9.2	541	64	
1742	9	45 54.60	33 23 23.1	140	18	
	8½	54.64	22.8	169	104	
1743	9½	45 56.07	74 32 1.1	143	14	
1744	7	45 56.26	44 54 46.0	166	92	
	7½	56.50	44.8	138	19	
1745	8½	45 56.35	25 54 33.9	92	70	
	9	56.53	33.2	510	108	
1746	7½	45 56.67	53 42 39.7	536	97	
1747	9½	45 57.39	31 0 17.8	545	41	
1748	9	45 57.77	30 55 37.1	545	40	
1749	8½	45 58.14	29 8 17.8	539	91	
	9	58.19	15.5	146	28	
1750	8½	45 59.13	70 13 52.4	549	15	
1751	9½	45 59.52	31 0 5.4	545	42	
1752	9½	45 59.98	29 12 17.2	539	92	
1753	9	46 5.07	25 43 43.4	510	110	
	9	5.26	43.7	92	71	
1754	9	46 9.36	67 54 27.6	549	20	
1755	7	46 13.20	37 39 24.9	180	63	
1756	9	46 13.51	24 3 37.9	102	47	
1757	9	5 46 15.78	35 57 49.0	178	76	
1758	9½	5 46 15.80	24 19 19.9	102	48	
1759	9½	46 16.07	42 1 58.6	100	16	
1760	8½	46 17.65	53 30 6.6	536	98	
1761	9	46 19.78	53 28 27.6	536	99	
1762	9½	46 22.41	65 31 46.2	177	57	
1763	9	46 23.17	26 41 47.6	541	65	
1764	9½	46 24.13	42 2 31.2	100	17	
1765	8½	46 29.43	67 45 3.6	549	18	
1766	9½	46 30.11	74 54 26.3	755	20	dpl. II.
	9½	30.96	23.6	143	15	
	9	31.41	29.1	182†	10	
1767	9	46 30.18	26 41 31.5	541	66	
1768	3	46 33.41	35 49 0.4	178	75	
1769	9	46 33.65	51 43 37.5	547	37	
1770	9½	46 34.51	34 30 4.8	169	105	
1771	9	46 35.74	28 22 23.8	146	29	
1772	10	46 37.32	51 0 8.2	547	38	
1773	9½	46 37.64	35 50 10.7	178	77	
1774	8½	46 38.09	37 41 34.4	180	64	
1775	8½	46 38.44	32 19 54.1	543	73	
	8½	38.49	52.5	164	36	
1776	9½	46 41.47	29 36 5.7	539	93	
1777	8	46 42.36	39 47 0.0	519	10	
1778	8½	46 42.51	37 19 39.4	180	65	
1779	8½	46 42.64	43 44 27.9	138	20	
1780	10	46 43.75	65 29 48.5	177	56	
1781	9	46 44.10	73 35 4.8	143	17	
1782	9½	46 44.44	67 44 34.1	549	19	
1783	9	46 45.55	33 51 17.9	543	72	
1784	9½	46 45.85	61 58 56.0	508	13	
1785	8½	46 47.49	61 14 31.5	508	11	
1786	7	46 48.87	25 15 2.5	510	111	
	7	48.90	3.7	92	73	
1787	9	46 49.10	31 32 3.9	545	45	
1788	9½	46 51.72	74 56 31.6	755	21	
	9½	52.00	28.6	143	16	
	9	52.03	32.4	182†	11	
1789	9	46 52.25	24 19 41.0	102	49	
	9½	52.25	40.1	510	112	
1790	8½	46 52.56	75 52 50.7	182†	12	
1791	9½	46 52.90	29 0 57.6	174	104	
1792	8½	46 53.58	31 47 45.5	543	74	
	8½	53.60	43.4	164	37	
	8½	53.72	46.0	545	43	
1793	9	46 56.52	30 29 42.4	174	106	
1794	7½	46 57.69	51 4 29.4	547	39	
	8	57.90	25.6	502	91	
1795	8½	46 58.35	40 20 51.7	510	11	
1796	9	47 0.48	49 26 23.8	547	41	
	9	0.89	22.8	515	118	
1797	8	47 3.07	25 58 34.1	92	74	
	8	3.16	35.8	92	72	
1798	9	47 4.55	67 28 6.0	549	17	
1799	6½	47 9.80	29 28 49.9	539	94	
	6	9.99	49.9	174	105	
1800	9½	47 10.13	54 56 52.8	161	59	
1801	9	47 11.29	61 4 19.7	508	12	
1802	7½	47 11.40	49 1 13.5	515	119	
1803	9	47 11.66	60 21 13.5	551	5	
	9	11.78	15.4	94	113	
	9	11.84	11.8	508	14	
1804	9½	47 13.07	50 55 38.8	547	40	
1805	8½	47 15.46	72 42 7.0	143	18	
1806	8½	47 17.05	34 36 19.9	140	19	
	9	17.10	19.8	169	106	
1807	9	47 17.17	37 45 47.4	180	66	
1808	9	47 18.36	23 18 14.4	102	51	
1809	9½	47 20.21	45 46 37.3	166	93	
1810	9	5 47 20.30	31 31 41.6	545	44	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1811	9½	5 47 20.54	46 53 49.6	166	94	
	9	20.70	51.9	515	120	
1812	8	47 22.20	26 19 17.9	92	75	
	8	22.31	18.1	541	67	
1813	9	47 23.10	28 41 9.9	146	31	
	9	23.26	12.1	539	95	
1814	9	47 27.71	41 59 35.8	100	18	
1815	9	47 28.39	23 26 39.4	102	50	
	9	28.45	39.8	102	52	
1816	9	47 28.83	58 42 25.7	551	6	
	8½	28.89	22.8	94	114	
1817	9	47 29.66	43 34 21.4	138	21	
1818	8	47 33.29	35 56 26.9	178	78	
1819	5	47 33.61	56 11 54.1	161	60	
1820	9½	47 34.11	26 16 26.2	541	68	
1821	9½	47 36.92	29 8 41.5	146	30	
	9	37.16	42.7	174	108	
1822	8½	47 37.77	32 13 57.5	164	38	
	8½	37.89	58.1	543	75	
1823	8½	47 41.83	42 55 21.9	138	22	
1824	8	47 42.66	41 42 49.1	100	19	dpl. I. sq.
1825	8	47 42.67	40 10 41.3	519	14	
1826	9½	47 45.30	46 22 39.1	166	95	
1827	8½	47 46.12	67 47 45.8	549	21	
1828	9	47 46.15	40 43 33.2	519	12	
1829	7½	47 47.33	55 7 3.1	161	62	
1830	9	47 48.03	24 28 0.5	510	113	
1831	9½	47 49.29	33 50 51.0	169	107	
	8½	49.30	49.7	140	21	
1832	9	47 49.63	55 38 49.4	161	61	
1833	7½	47 51.49	55 5 18.4	161	63	
1834	8½	47 53.72	50 44 32.3	547	45	
1835	7	47 57.07	41 8 10.5	519	13	
1836	9	47 57.73	30 48 26.8	545	47	
1837	8	47 58.50	53 26 55.1	536	101	
1838	8½	47 58.64	50 40 34.5	547	44	
1839	9	47 58.67	53 21 37.3	536	100	
1840	9½	48 1.04	29 3 43.1	539	96	
	9½	1.13	42.2	174	109	
1841	9½	48 1.71	37 37 53.3	180	68	
1842	8½	48 2.68	35 23 25.8	178	79	
1843	5½	48 3.60	52 8 15.4	502	92	
	6	3.97	18.9	547	46	
1844	9	48 4.32	59 52 26.3	551	7	
	8½	5.01	27.4	94	115	
1845	8½	48 4.39	44 2 36.3	138	23	
1846	8	48 4.48	37 43 59.3	180	67	
1847	8½	48 7.64	50 17 21.0	547	43	
1848	7½	48 9.53	60 42 37.5	508	15	
1849	8½	48 12.05	65 12 7.7	177	58	
1850	8	48 12.16	32 22 3.5	164	39	
	8	12.20	6.5	543	76	
1851	9	48 14.45	23 9 12.1	102	53	
1852	7½	48 16.05	30 35 59.6	545	46	
	7½	16.06	60.5	174	107	
1853	6½	48 17.74	37 39 30.6	180	69	
1854	9	48 20.01	49 21 47.3	502	93	
	8½	20.19	48.5	547	42	
	8½	20.28	48.1	515	121	
1855	7	48 20.34	34 35 12.3	140	20	
	7	20.43	13.7	169	108	
1856	9½	48 20.68	24 40 41.2	510	114	
1857	9½	48 21.54	60 50 22.0	508	16	
1858	8½	48 27.02	35 38 35.7	178	80	
1859	9	48 27.92	37 41 54.3	180	70	
1860	5	48 34.63	33 49 47.7	169	109	
	5	34.67	47.3	543	77	
	5	34.73	47.1	140	22	
1861	9½	48 35.47	56 56 12.7	161	64	
1862	10	5 48 37.12	41 37 10.1	100	20	
1863	8	5 48 38.18	32 49 60.4	543	78	
	8	38.21	59.1	164	40	
1864	9½	48 39.87	26 16 30.5	541	69	
1865	9	48 41.10	78 40 38.0	182†	16	
1866	9½	48 41.67	28 22 19.3	146	32	
1867	9	48 42.98	30 48 51.1	545	48	
1868	9	48 43.31	23 11 36.0	102	54	
1869	9	48 45.27	53 36 50.8	536	103	
1870	9	48 45.28	77 29 44.5	182†	15	
	9½	45.45	44.2	755	23	
1871	9½	48 46.20	48 44 50.7	515	122	
1872	9½	48 46.50	28 56 54.9	539	97	
1873	9½	48 46.58	45 27 24.6	166	96	
1874	9½	48 48.23	37 27 24.1	180	71	
1875	8	48 49.11	36 58 11.3	178	82	
1876	8	48 52.26	53 41 1.9	536	102	
1877	9	48 54.49	26 18 40.8	541	70	
1878	9	48 54.70	36 17 20.1	178	81	
1879	9	48 55.31	76 49 4.1	182†	13	
	9	55.66	3.3	755	24	
1880	9	48 55.59	29 1 50.6	174	110	
	9½	55.73	52.6	539	98	
1881	9	48 58.22	38 56 32.8	519	16	
1882	8	49 0.74	39 33 1.7	519	15	
1883	9	49 1.55	37 45 34.2	180	72	
1884	9	49 1.64	31 42 41.9	545	49	
1885	8½	49 6.68	25 4 10.5	510	115	
	8½	6.70	9.6	92	76	
	8½	6.77	11.1	102	55	
1886	9½	49 7.75	36 52 30.5	178	83	
1887	9	49 8.49	25 56 14.5	541	72	
1888	9	49 9.17	31 30 54.9	545	50	
1889	9	49 9.20	47 54 10.7	515	123	
1890	8	49 10.36	62 6 37.3	508	18	
1891	9½	49 12.76	50 23 53.6	502	94	
1892	9½	49 13.76	53 3 12.6	536	104	
1893	9½	49 14.63	71 1 29.4	143	19	
	8½	14.72	28.7	549	24	
1894	8½	49 14.95	25 33 6.7	92	78	
	8½	15.12	5.3	510	118	
1895	9	49 17.36	25 54 35.3	541	71	
1896	9	49 17.42	29 7 45.3	539	99	
	8½	17.44	44.7	174	111	
	9	17.51	41.6	146	33	
1897	8½	49 17.75	45 19 38.7	166	97	
1898	9½	49 19.70	25 54 37.8	541	73	
1899	7	49 23.32	29 10 15.0	146	34	
	6½	23.38	15.3	539	100	
	6½	23.55	15.4	174	112	
1900	8½	49 24.61	41 58 52.2	100	21	
1901	9	49 28.58	25 16 41.6	510	116	
	8½	28.67	41.9	92	77	
1902	7	49 34.03	42 56 49.6	138	24	
	7	34.16	49.4	100	23	
1903	7	49 34.25	52 4 55.1	536	105	
	7½	34.45	53.3	502	95	
	7½	34.61	54.5	547	47	
1904	9	49 36.51	61 27 16.7	508	17	
1905	7½	49 37.50	37 33 23.3	180	73	
1906	8	49 38.89	48 24 14.0	515	126	
1907	9	49 39.00	34 19 39.3	140	23	
1908	7	49 39.11	26 41 7.5	92	79	
1909	9	49 39.13	25 35 56.6	510	119	
1910	8½	49 40.50	31 9 38.6	545	51	
	8	40.57	37.6	164	41	
1911	8	49 42.18	43 34 54.7	138	25	
1912	9½	49 42.45	45 51 6.1	166	100	
1913	8	49 42.63	70 22 41.8	549	26	
	8	42.68	40.6	549	22	
1914	7	5 49 44.31	35 55 40.8	178	84	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
1915	9	5 49 45.25	25 28 3.2	510	117
1916	9½	49 46.00	58 45 18.4	551	8
1917	8½	49 46.73	33 54 10.9	543	79
1918	10	49 47.82	70 59 48.1	143	20
	9	48.16	44.8	549	23
1919	9	49 48.18	63 36 37.5	508	21
1920	9½	49 49.05	45 44 2.5	166	101
1921	7½	49 50.84	47 58 55.5	515	124
1922	9	49 53.54	59 58 55.9	551	9
	9	53.56	54.4	94	116
1923	9½	49 55.94	45 33 48.5	166	98
1924	9	49 58.18	40 1 9.5	519	17
1925	9	49 58.49	33 47 51.8	543	80
1926	8½	49 59.20	42 15 28.7	100	24
	8	59.23	28.6	100	22
1927	6½	50 1.60	66 55 54.2	177	59
1928	9	50 2.14	51 33 8.2	547	48
1929	7½	50 5.52	56 29 22.1	161	65
1930	8	50 5.98	35 6 27.3	140	24
	8½	6.04	29.0	178	85
1931	9½	50 6.20	63 21 26.2	508	19
1932	8½	50 6.40	33 38 31.2	543	83
1933	9	50 8.55	26 50 34.5	92	80
	9	8.57	33.3	541	74
1934	9	50 10.27	24 38 53.7	510	120
1935	9	50 11.64	33 57 37.1	543	81
1936	9½	50 12.38	45 42 57.3	166	99
1937	9	50 14.52	29 6 17.1	174	113
	9	14.52	16.6	539	102
1938	6½	50 14.67	57 10 46.3	161	66
1939	9	50 18.05	29 44 7.8	539	101
1940	9	50 18.30	52 32 16.7	536	106
1941	9½	50 18.87	24 17 0.8	102	56
1942	9	50 20.50	25 9 42.9	92	81
1943	7	50 20.50	72 44 10.7	143	21
1944	9	50 22.53	51 4 42.3	547	49
	9	22.54	41.2	502	96
1945	8	50 24.41	33 41 15.3	543	84
1946	9½	50 25.54	77 23 18.8	182†	14
1947	9	50 28.72	27 57 19.0	541	75
1948	8½	50 28.81	48 7 56.4	515	125
1949	8½	50 29.64	57 55 45.9	551	10
1950	9½	50 32.79	23 45 12.3	102	57
1951	8½	50 33.70	33 56 52.7	543	82
1952	9	50 38.45	69 49 7.4	549	25
1953	7½	50 41.87	38 16 5.9	180	74
1954	7	50 42.22	64 3 45.6	177	60
1955	7½	50 42.89	28 58 27.0	539	103
	8½	42.95	24.8	146	36
	7½	43.17	28.2	174	114
1956	8	50 42.98	63 33 28.0	508	20
1957	9	50 44.52	56 32 25.7	161	67
1958	8	50 48.11	29 9 25.0	539	104
	9	48.24	22.1	146	35
	8	48.39	24.2	174	115
1959	6	50 48.48	39 58 47.8	519	18
1960	8	50 48.65	29 56 22.3	545	52
	8	48.67	21.8	174	116
1961	8	50 48.73	47 12 28.1	515	127
1962	8	50 50.33	29 59 15.1	174	117
	8	50.57	16.3	545	53
1963	10	50 51.84	36 57 45.9	180	75
1964	6½	50 59.53	22 51 35.4	102	58
1965	8½	51 3.11	54 4 45.2	536	107
1966	8½	51 3.23	31 53 40.4	164	42
	8	3.31	42.2	543	86
1967	9	51 5.50	41 40 9.0	100	25
1968	8½	51 6.02	69 42 49.4	549	27
1969	7	5 51 7.23	50 24 12.8	502	97
	7	7.42	16.6	547	50
1970	8	5 51 8.92	24 6 29.3	510	121
1971	9	51 8.93	29 53 17.7	545	54
	9	8.96	18.8	174	118
1972	5½	51 12.05	37 8 23.5	178	86
	5	12.15	23.0	180	76
1973	9	51 16.54	34 26 53.0	140	25
1974	9½	51 16.82	23 25 23.3	102	60
1975	7	51 17.33	31 33 6.6	545	56
	7½	17.36	5.6	164	43
1976	9½	51 18.11	40 42 50.8	519	19
1977	9	51 20.60	33 44 39.7	543	85
1978	7	51 21.97	23 14 5.1	102	59
1979	9½	51 24.58	41 26 21.7	100	26
1980	8½	51 26.22	56 41 28.2	161	68
1981	8½	51 28.29	35 7 23.2	178	87
1982	8½	51 29.68	47 39 58.9	515	128
1983	8½	51 29.90	38 7 24.9	180	77
1984	9	51 31.14	76 12 15.4	755	26
1985	8½	51 32.18	26 32 29.3	541	78
	8½	32.36	29.0	92	82
1986	6½	51 33.57	49 38 52.8	502	98
	6½	33.73	55.2	547	51
	6½	33.80	54.4	515	130
1987	9	51 33.91	26 46 28.3	541	77
	9	33.94	28.2	92	83
1988	8½	51 34.18	44 34 53.9	138	26
1989	9½	51 34.89	27 4 26.3	146	37
	9	35.02	21.6	541	76
1990	9	51 34.95	53 43 35.2	536	108
1991	8½	51 36.56	34 16 24.1	140	26
1992	6	51 38.76	31 24 2.2	164	44
	5½	38.82	1.9	545	55
1993	9	51 46.51	28 29 22.4	539	105
1994	9	51 46.84	45 35 51.8	166	102
1995	9	51 46.92	38 39 5.3	180	80
1996	9	51 48.80	40 15 23.0	519	20
1997	9½	51 49.02	79 34 26.5	755	25
	9	49.38	26.1	182†	18
1998	8½	51 50.12	45 50 10.3	166	103
1999	9½	51 53.20	49 47 53.1	502	100
2000	8½	51 54.19	38 17 52.7	180	78
2001	9	51 57.98	56 11 54.4	161	69
2002	7½	51 58.11	33 27 7.0	543	88
	8	58.13	6.0	140	27
2003	9	51 58.42	47 44 4.6	515	129
2004	9	51 59.95	26 13 26.8	541	79
2005	8	52 1.96	51 0 29.9	502	101
	8	2.01	31.3	547	53
2006	7½	52 2.79	61 51 40.0	508	22
2007	6	52 5.46	52 39 49.5	536	112
2008	9	52 6.06	23 47 8.0	102	61
2009	8½	52 6.70	28 46 27.3	539	106
2010	8½	52 7.04	44 19 32.0	138	27
2011	8½	52 7.21	49 39 29.6	547	52
	8½	7.23	27.9	502	99
	8½	7.25	30.2	515	131
2012	8	52 8.33	53 35 46.0	536	109
2013	6½	52 9.12	31 59 35.6	543	87
	7	9.13	38.8	164	46
	7	9.33	37.0	545	57
2014	9	52 9.59	30 5 17.3	539	108
	9	9.65	17.6	545	58
2015	9	52 12.13	41 15 12.4	100	27
2016	8	52 12.58	39 10 22.6	519	21
	7½	12.78	22.0	180	81
2017	8	52 13.09	69 55 33.7	549	28
2018	9	52 13.64	38 38 21.7	180	79
2019	8	5 52 15.29	24 58 58.9	147	1
	8½	15.37	57.0	510	122
	8½	15.46	58.8	92	84

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2020	9	5 52 19.69	60 6 28.0	551	11	
2021	8½	52 21.11	27 20 46.0	541	80	
	9	21.40	47.8	146	38	
2022	8½	52 21.47	53 32 47.0	536	110	
2023	8½	52 21.55	28 53 39.6	539	107	
	8½	21.76	39.6	174	119	
2024	8½	52 23.43	31 16 14.2	164	45	
2025	9	52 23.67	33 50 24.6	140	28	
2026	9½	52 25.54	45 57 50.9	166	104	
2027	9½	52 25.54	61 54 1.1	508	23	
2028	9	52 25.69	33 30 1.0	543	89	
2029	9	52 27.75	36 22 2.0	178	88	
2030	7	52 30.71	60 2 29.0	551	12	
2031	9	52 31.35	39 5 32.6	519	22	
	8½	31.48	30.8	180	82	
2032	8½	52 31.77	48 57 45.1	515	132	
2033	8½	52 32.33	27 46 43.4	541	81	
	9	32.47	47.5	146	39	
2034	9½	52 36.89	55 14 45.2	161	70	
2035	9	52 36.94	24 12 28.9	510	123	
	8½	37.12	28.0	102	62	
2036	8½	52 38.47	63 20 13.3	508	25	
	9	38.68	13.9	177	61	
2037	9	52 43.29	27 42 34.0	541	82	
	9½	43.61	35.6	146	40	
2038	9	52 51.89	53 33 12.7	536	111	
2039	9	52 53.29	70 30 13.2	549	30	
2040	8½	52 53.71	26 51 0.1	92	85	
2041	8½	52 54.43	64 41 24.1	177	63	
2042	9½	52 54.49	75 2 44.5	755	27	
	9½	54.61	45.5	143	24	
	9½	54.67	44.5	143	22	
2043	9	52 56.08	29 11 49.6	539	109	
	9	56.13	47.9	174	120	
2044	9	52 56.69	79 20 31.2	182†	17	
2045	9	52 56.99	52 37 1.1	536	113	
2046	9	52 58.11	69 49 31.1	549	29	
2047	9	52 58.98	23 48 23.1	102	63	
2048	9½	53 1.27	35 1 5.2	140	29	
2049	9	53 2.37	76 7 52.0	755	28	
	9	2.63	54.6	182†	19	
2050	9	53 2.66	39 32 25.3	519	24	
2051	9	53 2.94	58 10 3.5	551	13	
2052	4½	53 6.56	35 17 51.5	178	89	
2053	5	53 8.85	63 7 39.1	508	24	
2054	9	53 10.42	39 36 15.8	519	23	
2055	9	53 11.31	25 14 52.6	510	126	
	9	11.43	55.2	92	88	
2056	7	53 11.58	44 1 34.4	138	28	
2057	8	53 11.89	41 46 14.8	100	28	dpl. I.
2058	9	53 11.96	24 38 30.2	510	124	
	9	11.99	31.7	147	2	
2059	9½	53 13.71	56 0 1.2	161	71	
2060	9	53 13.82	28 32 15.1	539	111	
2061	7½	53 16.21	31 56 2.4	164	47	
	7½	16.31	1.0	543	91	
	7	16.51	1.3	545	59	
2062	9½	53 16.67	31 39 58.2	545	61	
2063	8	53 16.71	26 13 2.7	541	83	
	8½	17.13	3.5	92	86	
2064	7	53 17.01	59 37 36.0	551	14	
2065	9	53 19.78	68 59 31.3	549	32	
2066	9	53 20.51	35 6 37.1	140	30	
	9½	20.62	40.4	178	90	
2067	9½	53 20.73	38 31 38.8	180	83	
2068	9½	53 21.02	46 33 4.3	166	105	
2069	9½	53 21.56	32 50 52.8	543	90	
2070	8½	53 22.99	34 29 18.6	140	31	
2071	9	5 53 23.42	27 59 45.8	146	42	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2072	8	5 53 23.68	29 7 20.1	539	110	
	7½	23.77	18.9	174	121	
2073	9	53 26.35	25 9 13.2	510	125	
	9	26.48	16.3	92	89	
	8½	26.68	17.4	147	3	
2074	9½	53 27.52	40 54 52.6	100	30	
2075	9½	53 30.97	49 27 59.1	515	133	
	9½	30.98	58.8	547	54	
2076	7½	53 33.09	59 55 37.7	551	15	
2077	9	53 34.53	40 8 29.5	519	25	
	8½	34.76	28.5	519	27	
2078	8½	53 36.23	24 50 4.1	147	4	
2079	9½	53 36.43	24 45 53.9	147	5	
2080	8	53 37.65	41 7 8.4	519	26	
	8½	37.78	5.9	100	29	
2081	6½	53 37.94	64 30 10.2	177	62	
2082	8	53 38.80	56 32 28.2	553	1	
	8½	39.13	28.5	161	74	
2083	9	53 41.40	31 1 53.5	174	122	
2084	8½	53 41.83	27 3 56.7	541	84	
	9½	41.85	59.8	146	41	
2085	8½	53 42.09	51 39 59.8	502	102	
	8½	42.24	64.0	547	55	
2086	7½	53 43.73	56 34 17.5	553	2	
	7½	44.01	18.2	161	75	
2087	9	53 44.20	76 34 11.5	182†	21	
	9½	44.47	12.2	755	29	
2088	9½	53 44.99	31 53 19.4	545	60	
	9½	45.16	20.8	543	92	
2089	9½	53 45.11	56 0 1.5	161	72	
2090	9	53 46.90	25 23 11.0	510	127	
	8½	47.05	12.9	92	87	
2091	8½	53 56.35	53 35 2.0	536	114	
2092	9	53 56.37	57 4 42.4	553	3	
2093	9	53 57.27	51 10 0.5	547	56	
2094	10	53 57.31	35 40 36.7	178	92	
2095	8½	54 4.51	43 36 49.6	138	29	
2096	8½	54 5.27	60 34 10.3	551	16	
2097	8½	54 8.30	77 24 13.4	755	30	
2098	9	54 13.39	35 1 14.9	140	32	
	9	13.75	17.2	178	91	
2099	9	54 13.74	57 4 49.6	553	4	
2100	9	54 15.46	24 24 26.5	147	6	
2101	9½	54 18.48	42 16 49.6	100	31	
2102	9½	54 18.54	28 32 4.9	146	43	
	9	18.61	4.3	539	112	
2103	8	54 26.03	48 16 5.7	515	134	
2104	8½	54 26.95	34 22 8.0	140	33	
2105	9	54 28.81	56 7 59.8	161	73	
2106	9	54 28.96	24 28 23.2	147	7	
2107	7½	54 30.47	53 25 43.4	536	115	
2108	9	54 32.29	28 0 43.0	541	85	
2109	9	54 32.93	39 42 55.6	519	28	
2110	6½	54 35.50	53 26 14.9	536	116	
2111	8½	54 36.82	76 6 49.1	182†	20	
	8½	37.13	47.0	755	31	
2112	9	54 37.07	31 37 35.5	545	62	
2113	7½	54 37.28	32 13 6.1	164	48	
	7½	37.47	5.8	543	93	
2114	8½	54 37.93	37 0 14.1	178	93	
	8½	38.13	11.4	180	85	
2115	8½	54 37.98	38 4 57.6	180	84	
2116	9	54 38.30	70 50 58.2	549	31	
	9½	38.52	55.8	143	23	
2117	8½	54 38.32	33 49 44.2	543	95	
	8½	38.46	43.7	140	34	
2118	8½	54 42.22	57 8 16.9	553	5	
2119	8½	54 46.47	65 53 58.9	177	64	
2120	9	5 54 48.10	65 58 34.8	177	65	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2121	10	5 54 49.02	45 23 53.9	166	106	
2122	8½	54 50.21	61 27 44.6	508	26	
2123	9	54 52.45	44 4 26.3	138	30	
2124	9½	54 52.69	47 45 7.5	515	135	
2125	6½	54 55.31	44 2 39.2	138	31	
2126	9½	54 56.63	39 44 26.0	519	29	
2127	8	54 56.73	60 35 56.4	551	17	
2128	9	55 2.00	53 25 1.4	536	117	
2129	9½	55 2.19	32 36 59.5	543	94	
2130	9	55 9.19	25 26 58.1	510	128	
	9	9.36	58.6	92	90	
2131	9½	55 9.79	49 23 44.6	502	104	
2132	8½	55 10.08	27 37 46.5	541	86	
	9½	10.17	46.3	146	44	
2133	9	55 10.18	49 23 45.9	547	57	
2134	8	55 12.09	29 12 53.0	539	113	
	7½	12.34	53.4	174	123	
2135	9½	55 13.43	43 7 26.0	100	34	
2136	8½	55 14.04	52 12 59.1	536	118	
	9	14.52	61.1	547	58	
	9	14.52	56.1	502	103	
2137	10	55 14.32	29 8 20.7	174	124	
2138	4	55 19.35	42 49 21.7	100	33	
	4	19.38	22.1	138	32	
2139	9½	55 20.25	25 20 17.2	510	129	
	9	20.39	20.0	92	91	
2140	9½	55 21.16	47 17 1.0	515	136	
2141	9½	55 21.91	67 12 23.9	549	33	
2142	9½	55 25.39	67 43 45.8	549	35	
2143	8	55 26.57	30 52 14.0	164	49	
	8	27.08	13.8	545	65	
2144	8½	55 27.12	42 22 25.5	100	32	
2145	10	55 30.48	28 23 21.3	539	114	
2146	9	55 30.78	37 11 49.3	180	86	
2147	9	55 31.36	60 50 45.7	508	27	
2148	9½	55 31.84	29 17 54.1	174	125	
2149	8	55 32.75	27 53 38.7	541	87	
	8½	32.86	40.6	539	115	
	9	32.90	39.8	146	45	
2150	9	55 33.67	23 55 44.4	147	8	
2151	8½	55 35.55	37 4 10.4	180	87	
	9	35.62	11.3	178	94	
2152	8½	55 40.26	31 2 61.0	164	50	dpl. I. pr.
	8	40.39	59.3	545	66	
2153	8	55 40.38	39 14 28.9	519	30	
2154	9	55 42.64	34 6 21.3	140	35	
	9	42.67	21.5	543	97	
	9	42.70	20.4	543	96	
2155	9	55 43.75	25 32 38.7	510	130	
2156	8½	55 48.13	30 5 24.1	174	126	
	8½	48.28	22.7	539	116	
	8½	48.34	23.4	545	63	
2157	8½	55 49.97	67 34 45.7	549	36	
2158	9½	55 50.32	74 45 19.3	143	25	
2159	9½	55 52.16	45 8 28.7	138	33	
	10	52.23	29.1	166	107	
2160	8½	55 54.01	38 10 23.0	180	90	
2161	8	55 55.59	24 6 0.7	147	10	
2162	8½	55 56.36	39 12 48.4	519	31	
2163	8½	55 56.97	52 48 2.5	536	120	
2164	8½	55 57.69	23 54 2.1	147	11	
	8½	57.83	1.1	147	9	
2165	9½	55 58.64	50 41 15.4	547	60	
2166	8½	55 59.09	32 4 40.5	545	67	
2167	8½	55 59.62	37 37 19.1	180	89	
2168	8	56 1.13	52 39 43.6	536	119	
2169	9½	56 3.74	54 24 13.1	553	7	
2170	9	5 56 3.79	30 13 32.6	174	127	
	9	3.79	32.5	545	64	
2171	7½	5 56 5.87	51 13 50.7	502	105	
	7½	5.94	52.1	547	59	
2172	9	56 7.94	47 52 51.0	515	137	
2173	8½	56 8.09	37 2 11.7	178	95	
	8½	8.10	10.6	180	88	
2174	6½	56 8.52	25 25 15.7	510	131	
	6½	8.57	16.0	92	93	
2175	9	56 8.64	57 22 46.5	551	18	
	9½	8.95	45.5	161	76	
	9	9.04	46.8	553	6	
2176	9	56 11.13	67 4 58.8	549	34	
2177	9	56 12.06	27 33 35.4	541	88	
2178	9½	56 14.55	45 17 50.5	166	108	
2179	8	56 17.83	53 48 27.7	554	1	
2180	9½	56 17.86	25 18 19.5	510	132	
	9	18.05	19.1	92	92	
2181	8½	56 22.59	67 33 5.2	549	37	
2182	8½	56 26.19	44 16 46.1	138	34	
2183	8½	56 28.94	31 43 47.5	164	51	
	8½	28.97	49.9	545	68	
2184	8½	56 31.45	39 57 9.3	519	32	
2185	9	56 32.46	25 58 6.3	92	94	
2186	9	56 33.11	34 0 40.2	140	36	
	9½	33.23	43.1	543	98	
2187	8½	56 33.42	48 14 51.5	515	138	
2188	9	56 35.05	40 22 19.1	519	33	
2189	9	56 43.97	25 50 25.0	92	95	
2190	6	56 44.53	33 54 48.8	140	37	
	6	44.54	48.6	543	99	
2191	7½	56 45.27	37 4 30.4	178	96	
2192	8½	56 48.55	36 28 18.2	178	97	
2193	9½	56 50.48	33 57 36.8	140	38	
2194	10	56 51.69	23 56 8.7	510	133	
2195	9	56 53.48	29 52 46.6	539	117	
	9	53.58	46.0	174	128	
2196	9½	56 55.53	54 52 32.8	553	8	
2197	7½	56 55.66	27 21 32.7	146	46	
	7	55.69	29.8	541	89	
2198	8½	56 57.88	33 44 43.2	140	39	
	8½	57.95	42.1	543	100	
2199	9	56 58.23	38 16 22.4	180	91	
2200	7	57 2.15	42 52 24.8	100	35	
	7½	2.16	25.0	138	37	
2201	9½	57 5.29	58 16 30.4	551	19	
2202	8½	57 5.42	25 37 59.0	92	96	
2203	10	57 5.71	45 11 42.6	166	109	
2204	8	57 7.62	26 39 48.0	92	97	
2205	7	57 9.15	27 25 28.8	541	90	
	7	9.19	30.6	146	47	
2206	9	57 9.75	29 57 50.4	539	118	
	8½	9.78	52.4	545	70	
	9	9.93	51.4	174	129	
2207	8½	57 13.59	39 17 29.9	519	34	
2208	8½	57 14.53	38 17 14.3	180	92	
2209	9½	57 15.00	62 45 39.2	508	29	
2210	9	57 16.16	54 37 21.2	553	9	
	9½	16.24	20.6	161	77	
	9	16.45	20.5	536	121	
2211	9½	57 17.93	46 0 57.0	166	110	
2212	9½	57 18.00	55 22 19.9	553	11	
2213	8½	57 18.06	44 18 36.1	138	35	
2214	9	57 21.42	48 4 6.2	515	139	
2215	7½	57 21.86	43 54 20.8	138	36	
2216	9	57 22.25	52 10 54.6	547	61	
	8½	22.28	52.8	554	2	
2217	9	57 26.13	26 17 29.7	541	91	
2218	9	57 27.61	23 50 26.7	147	13	
	9	27.68	24.9	510	134	
2219	8	5 57 28.90	38 10 4.6	180	93	
	8	28.96	5.5	180	94	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
2220	9½	5 57 31.54	25 2 50.1	147	12
	9	31.71	50.2	510	135
2221	8½	57 32.02	30 0 54.0	174	130
	8½	32.05	52.9	539	119
	8½	32.12	52.6	545	69
2222	9	57 32.46	65 23 47.3	177	66
2223	9	57 33.05	53 55 9.2	536	122
2224	9	57 36.21	55 13 23.9	553	10
	9½	36.24	24.3	161	78
2225	9	57 39.28	67 26 14.0	549	38
2226	8½	57 39.71	51 28 10.9	502	106
	8½	39.78	12.7	547	62
2227	9	57 40.94	48 58 58.0	515	140
2228	8½	57 41.85	72 49 22.8	143	26
2229	8½	57 43.77	26 39 19.6	92	98
	8½	43.88	22.1	541	92
2230	9	57 44.22	28 19 6.1	539	121
2231	9	57 44.76	61 46 32.6	508	28
2232	9	57 47.46	36 23 54.9	178	99
	9	47.57	53.6	178	98
2233	7½	57 48.15	23 13 12.5	147	14
	7½	48.28	9.6	102	64
2234	9½	57 51.97	46 19 57.7	166	111
	8½	52.04	59.2	106	1
2235	6½	57 53.18	51 13 14.8	502	107
	6	53.39	18.5	547	63
2236	9	57 55.21	70 17 54.8	549	42
2237	8½	57 56.15	41 59 49.6	100	36
2238	7	57 56.88	38 59 23.6	519	35
	7	57.04	28.3	180	95
2239	8	58 0.02	29 59 47.7	174	131
	8	0.04	48.2	545	71
	8	0.16	47.9	539	120
2240	9	58 1.04	33 39 20.6	543	101
	9	1.23	20.8	140	40
2241	9	58 1.17	73 9 37.1	143	27
2242	8½	58 1.36	32 0 46.7	164	52
	8½	1.38	45.7	543	103
2243	9	58 7.09	55 5 24.1	161	79
	8	7.11	24.0	183†	1
	8½	7.28	26.3	553	13
2244	8½	58 7.34	30 24 5.0	545	72
2245	8½	58 8.66	54 41 38.7	553	14
2246	9½	58 10.13	57 53 42.5	551	22
2247	9	58 10.83	60 29 12.1	551	20
2248	8	58 11.19	41 59 11.0	100	37
2249	6	58 13.40	26 17 5.6	92	99
	5½	13.52	5.7	541	93
2250	8	58 15.19	69 29 14.2	549	40
2251	8½	58 16.07	40 15 2.0	519	37
2252	9	58 16.34	56 9 56.6	161	81
2253	8½	58 17.97	33 18 13.3	140	41
	8½	18.04	12.1	543	102
2254	9	58 18.79	39 18 35.1	519	36
2255	9	58 19.70	42 8 40.5	100	38
2256	9½	58 20.62	28 11 17.6	146	48
	9½	20.63	18.7	539	122
2257	9	58 23.05	51 51 5.2	536	124
	8½	23.43	3.6	554	3
2258	9½	58 24.24	50 44 22.0	547	64
2259	8½	58 27.50	49 5 4.9	515	141
2260	7½	58 29.11	54 57 10.1	183†	2
	7½	29.20	9.0	553	12
	7½	29.29	7.5	161	80
2261	10	58 31.46	25 8 55.8	510	137
2262	9½	58 31.75	76 51 29.8	182†	26
2263	8½	58 33.11	44 1 8.6	138	38
2264	9	58 33.77	73 38 30.3	143	28
2265	8½	5 58 37.27	46 21 60.0	106	2
	9½	37.50	59.9	166	112
2266	9	5 58 38.59	32 4 37.7	545	73
	8½	38.67	36.4	543	104
2267	9	58 39.02	50 42 8.4	547	65
2268	7	58 39.92	58 6 14.8	551	21
2269	9	58 41.05	23 8 5.6	102	65
	9½	41.08	8.0	147	15
2270	8½	58 41.37	53 34 46.5	536	123
	8	41.38	47.2	554	4
	9	41.43	46.9	536	126
2271	9	58 42.43	25 8 17.9	92	100
	8	42.43	19.6	102	66
	9	42.51	18.2	510	136
	8½	42.51	19.6	147	17
2272	9	58 42.69	67 28 36.1	549	39
2273	6½	58 42.86	79 22 47.0	755	33
	5½	43.25	47.3	182†	23
2274	9	58 42.92	27 47 54.7	541	94
	9½	43.07	57.5	539	123
2275	9	58 43.63	43 56 2.7	515	142
2276	9	58 44.36	25 14 19.8	92	101
	9½	44.38	19.4	510	138
2277	8½	58 45.51	28 54 29.8	539	124
	9	45.59	28.8	174	132
2278	9	58 47.75	46 13 31.8	106	3
	9½	47.94	31.7	166	113
2279	7	58 49.93	36 52 11.6	180	98
	7	49.96	11.4	178	100
2280	9½	58 52.58	56 4 57.0	161	82
	8½	52.59	56.2	183†	3
2281	8½	58 53.82	33 4 19.5	164	53
	8½	53.87	19.2	543	105
	8½	53.96	16.3	140	42
2282	8½	58 55.21	62 48 38.0	508	30
2283	9	58 58.02	79 18 61.7	755	34
	9	58.90	59.8	182†	22
2284	9½	58 58.12	60 29 31.9	551	25
2285	8	59 2.09	25 5 19.3	102	67
	9	2.37	20.0	92	102
	8½	2.39	23.3	147	16
	9	2.46	19.8	510	139
2286	9	59 5.87	80 9 11.5	755	32
2287	10	59 7.30	46 46 15.1	166	114
2288	8½	59 7.38	57 47 2.0	551	23
2289	9	59 11.37	39 3 25.5	519	38
	8½	11.61	24.4	180	96
2290	8½	59 11.89	38 52 26.5	180	97
2291	9	59 13.70	75 28 17.1	755	35
2292	9½	59 15.65	50 35 52.0	547	67
2293	9	59 15.89	53 8 36.1	536	125
	9	15.96	38.2	554	5
2294	8	59 16.97	29 20 1.0	539	125
	8½	17.16	1.6	174	134
2295	9	59 18.56	70 13 17.4	549	41
2296	9	59 20.22	29 30 18.1	174	133
2297	9½	59 21.49	25 5 37.0	102	68
2298	8½	59 21.71	26 57 26.0	92	103
	8	21.71	23.8	541	95
2299	9½	59 29.85	32 52 11.1	543	107
2300	8½	59 31.05	42 21 31.7	100	39
2301	7½	59 31.15	64 18 42.5	177	67
2302	9	59 31.33	78 36 1.9	182†	24
	8	31.97	3.6	755	37
2303	9½	59 32.72	50 34 48.6	547	66
2304	9	59 32.78	35 6 36.9	178	101
	9	32.85	37.7	140	43
2305	8	59 34.49	56 59 1.5	553	15
	8	34.61	0.0	161	83
	7½	34.62	0.3	183†	4
2306	9½	59 37.30	27 57 3.8	146	50
2307	9	5 59 37.60	62 48 41.9	508	31

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.		No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″						h m s	° ′ ″			
2308	9	5 59 38.49	29 37 39.6	174	135		2316	8	5 59 46.26	28 36 39.6	539	126	
2309	10	59 38.50	27 4 40.7	541	96		2317	7½	59 48.34	28 3 12.8	146	49	
2310	9	59 39.26	44 51 57.9	106	5		2318	9	59 48.40	33 31 55.5	543	106	
	8½	39.58	57.9	138	39		2319	9	59 48.55	62 52 2.8	508	32	
2311	6	59 41.45	32 10 12.1	164	54		2320	9½	59 50.47	27 57 49.4	146	51	
	6	41.47	12.5	545	74		2321	8½	59 51.93	25 16 14.1	92	104	
2312	8½	59 43.00	69 51 34.4	549	44			9	51.95	12.8	510	141	
2313	9	59 43.85	28 35 12.6	539	127		2322	9½	59 52.95	62 48 34.7	508	33	
2314	9	59 45.14	45 11 23.0	106	4		2323	9½	59 54.49	31 6 10.9	545	75	
	9½	45.39	25.0	166	115		2324	8½	59 55.32	33 56 8.1	140	45	
2315	7	5 59 45.34	60 29 2.0	551	24		2325	9½	59 58.10	48 33 9.1	515	143	
	7½	45.60	3.0	508	34		2326	9	5 59 59.38	34 3 2.1	140	44	

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HORA VI.

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1	8	6 0 2.31	39 49 45.5	519	39	
2	9	0 3.02	52 10 26.5	547	69	
	9	3.11	23.7	536	128	
	9	3.36	23.1	502	108	
3	9½	0 4.90	39 46 20.2	519	40	
4	9	0 5.24	54 21 49.3	554	8	
5	8½	0 9.44	25 1 4.7	147	18	dpl. II.
	8½	9.48	2.3	92	105	
	9	9.62	1.5	510	140	
	8	9.69	1.2	102	69	
6	9	0 10.44	71 19 45.0	143	31	dpl. I. s. pr.
7	7	0 10.61	53 34 42.9	536	127	
	7	10.70	43.1	654	6	
8	8½	0 11.90	52 6 33.6	536	129	
	8½	12.10	31.6	547	68	
	8½	12.11	30.5	502	109	
9	9	0 13.74	76 48 53.5	182†	25	
10	9½	0 13.74	73 35 54.9	143	29	
11	9½	0 16.43	52 4 45.1	536	130	
12	8½	0 16.48	36 42 5.8	178	102	
13	8	0 16.67	41 8 55.8	100	40	dpl. I.
14	8½	0 17.28	36 38 43.8	178	103	
15	9	0 18.98	32 49 57.2	543	109	
16	9½	0 19.53	28 33 59.0	539	129	
17	8½	0 19.81	63 43 42.6	177	68	
18	9	0 19.87	76 1 33.4	182†	28	
19	9	0 20.08	60 13 9.5	551	27	
20	9	0 27.02	56 48 59.3	183†	6	
	9½	27.08	59.4	161	85	
	9½	27.14	58.4	553	16	
21	8½	0 27.94	32 59 16.6	543	110	
	8½	28.06	16.2	543	108	
22	9½	0 28.10	30 54 46.0	545	76	
23	8½	0 31.85	28 39 58.2	539	128	dpl. II. n.
24	8	0 32.20	27 10 58.0	541	97	
	8½	32.25	62.2	146	52	
25	9	0 32.56	37 59 10.2	180	99	
26	8	0 34.51	32 43 16.6	164	55	
	8	34.61	16.0	543	111	
27	7	0 35.30	60 5 32.8	551	26	
28	7½	0 35.42	56 56 20.6	183†	5	
	7½	35.56	18.8	553	17	
	8½	35.62	18.6	161	84	
29	7	0 36.35	24 11 6.5	510	142	
	7	36.50	8.5	147	19	
	7	36.56	6.0	102	71	
30	9½	0 37.82	44 55 48.6	106	6	
31	9	0 38.50	35 47 28.4	178	104	
32	9	0 41.11	47 26 22.4	515	144	
33	9½	0 43.43	30 30 12.0	545	77	
34	8½	0 46.28	26 18 49.1	541	98	
35	9	0 48.01	29 2 19.3	174	136	
36	7½	0 48.75	53 53 2.4	554	7	
37	9½	6 0 51.88	39 42 2.9	519	41	
38	6	6 0 52.58	45 2 15.2	106	7	
	6½	52.73	13.1	166	117	
	6	52.77	12.1	138	40	
39	9	0 53.78	76 5 58.8	182†	27	
	9½	54.39	57.9	755	36	
40	7½	0 54.22	45 11 20.2	106	9	
	7½	54.40	17.6	138	42	
	7½	54.47	17.1	166	116	
41	9	0 55.32	24 54 41.5	147	20	
	8½	55.33	40.3	510	143	
	8	55.35	40.2	102	70	
	8½	55.39	41.9	92	106	
42	8½	0 59.34	31 22 53.1	545	79	
43	9½	0 59.66	55 48 5.9	553	18	
44	9	1 1.76	52 17 44.9	536	132	
45	6	1 2.34	35 30 15.4	178	105	
46	9½	1 2.57	69 51 35.0	549	46	
47	8	1 2.88	51 5 28.4	547	71	
	8	3.05	25.2	502	110	
48	9	1 3.50	32 18 29.9	543	112	
	9	3.61	29.6	164	56	
49	8	1 4.16	35 31 43.2	178	106	
50	6½	1 4.46	45 4 45.7	106	8	
	6	4.66	44.7	166	118	
	6½	4.74	43.1	138	41	
51	9	1 4.50	71 11 28.2	549	43	
	9	4.51	30.3	143	30	
52	9½	1 7.88	55 46 10.4	553	19	
53	9½	1 8.74	69 58 9.3	549	45	
54	8	1 8.89	47 28 31.5	515	145	
55	9	1 12.36	25 52 38.3	541	99	
56	9	1 13.05	42 51 5.9	138	43	
	9	13.17	7.0	100	41	
57	8	1 15.89	44 54 21.2	106	10	
	8	16.16	21.1	166	119	
58	9	1 16.49	52 47 9.5	536	133	
59	5	1 17.07	29 44 44.4	174	137	
60	8½	1 18.00	32 1 59.8	543	113	
	8½	18.06	60.6	164	57	
61	9½	1 18.51	52 13 4.9	536	131	
	9	18.65	4.3	547	70	
62	9	1 22.24	63 32 24.2	177	69	
63	8½	1 22.41	42 55 7.1	138	44	
	8½	22.48	7.1	100	42	
	8½	22.60	6.6	100	44	
64	9½	1 23.81	46 48 50.6	166	121	
65	7½	1 26.32	64 51 12.3	177	70	
66	8	1 26.36	40 2 57.3	519	43	
67	8	1 28.88	52 53 5.1	536	134	
68	7½	1 30.01	59 35 56.9	551	28	
69	8½	1 30.39	28 6 11.7	539	131	
70	7½	1 30.62	33 12 31.5	140	46	
	7	30.67	30.8	543	114	
71	8½	6 1 30.90	60 38 13.3	508	35	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.		No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″						h m s	° ′ ″			
72	8½	6 1 32.38	25 53 11.7	541	100		115	8½	6 2 39.97	59 48 39.4	551	33	
	8½	32.39	13.0	92	108		116	8½	2 40.72	30 36 39.0	545	82	
73	9	1 32.49	25 47 43.1	541	101			8½	40.84	40.3	174	141	
	9	32.79	45.8	92	109		117	8	2 41.75	41 12 18.4	100	47	
74	7	1 32.56	48 26 51.3	515	146		118	7½	2 44.68	54 23 47.1	553	23	
75	9	1 34.41	24 8 46.9	102	73			7½	44.74	45.2	554	11	
76	9	1 35.39	31 1 16.9	545	78			7	44.76	48.6	554	14	
77	7½	1 38.23	24 54 55.6	102	72			7½	44.79	46.1	183†	9	
	8	38.27	54.8	147	21			7	44.90	48.6	536	136	
	7½	38.28	54.6	510	144		119	9½	2 45.00	62 8 34.4	508	37	
	7½	38.30	54.5	92	107		120	9	2 45.80	23 36 13.7	147	24	
78	8	1 38.42	28 26 23.3	539	130			8½	45.93	11.3	102	75	
79	9½	1 40.51	29 28 31.5	174	139			9	45.98	13.1	147	25	
80	9	1 42.30	54 27 35.7	183†	7		121	9	2 46.22	40 4 56.3	519	45	
	9	42.40	36.2	554	9		122	7	2 49.26	42 17 2.2	100	46	
	9½	42.61	38.0	553	21		123	9	2 49.82	58 11 48.2	552	30	
81	8½	1 46.04	24 8 27.5	102	74		124	9	2 51.46	62 19 15.9	508	39	
82	8½	1 46.53	32 59 16.3	140	47		125	7½	2 59.04	37 1 12.3	178	108	
	8½	46.56	15.1	543	115			7½	59.14	12.6	180	101	
83	8½	1 47.26	39 38 56.0	519	42		126	9½	2 59.77	57 50 11.2	551	29	
84	9	1 47.54	29 36 3.4	174	138		127	8½	2 59.82	53 7 11.9	554	12	
85	7½	1 53.55	54 22 27.3	554	10		128	8½	3 0.13	75 9 40.5	755	38	
	8	53.70	29.9	183†	8			8½	0.39	41.2	182†	29	
	7½	53.88	29.3	553	20			9	0.57	40.4	143	32	
	7½	53.99	30.5	536	135		129	7½	3 1.90	37 11 0.3	180	102	
86	9	1 53.61	49 35 4.5	547	72			7½	2.10	1.7	178	107	
	9	53.98	1.2	502	111		130	8½	3 3.13	35 12 31.4	178	110	
	8½	54.00	3.0	515	147		131	9	3 3.63	59 47 1.1	551	34	
87	9½	1 54.17	46 56 7.7	166	120		132	8	3 3.95	25 23 59.2	92	111	
88	9	1 55.55	55 56 17.7	553	22			8	4.06	59.4	510	147	
89	9½	1 55.74	49 28 7.6	502	112		133	9	3 8.61	39 27 50.2	519	46	
	9½	55.85	9.3	547	73		134	8	3 9.43	36 17 33.9	178	109	
	9½	56.13	7.9	515	148		135	8½	3 10.93	28 23 33.0	539	135	
90	9½	1 55.90	24 53 51.2	147	22			8½	11.08	29.6	146	55	
91	9	1 57.32	23 29 58.0	147	23		136	8½	3 11.66	34 28 9.9	140	49	
92	9	1 57.89	38 57 39.0	180	100		137	8½	3 12.60	34 37 22.4	140	50	
93	8½	2 1.77	28 30 20.6	146	54		138	9	3 13.35	58 49 3.6	551	31	
94	8	2 3.49	31 24 11.6	164	58		139	5	3 14.57	37 14 10.3	180	103	
	8	3.54	12.7	545	81		140	9½	3 15.53	25 14 9.1	510	148	
95	9	2 4.16	40 11 19.8	519	44			9	15.63	8.6	92	112	
96	9½	2 4.25	28 1 1.6	539	133		141	8	3 16.96	54 29 43.1	553	24	
97	9½	2 8.33	28 10 14.3	539	132			8	17.01	42.8	554	13	
98	8	2 8.33	42 46 37.8	138	45			8	17.03	42.2	183†	10	
	9	8.37	39.4	100	45			8	17.17	41.3	536	137	
	9	8.46	37.4	100	43		142	8½	3 21.06	32 55 33.8	543	119	
99	9	2 9.99	67 51 36.5	549	48			8½	21.07	33.0	164	61	
100	9	2 11.14	31 30 3.3	545	80		143	7	3 23.80	67 17 59.3	549	49	
101	8½	2 13.72	29 6 32.4	174	140		144	9½	3 24.22	26 26 14.7	541	104	
	8½	13.73	30.0	146	53		145	7	3 24.27	45 4 39.1	106	14	
	8½	13.81	33.0	539	134			7	24.45	36.4	166	123	
102	8½	2 21.22	25 51 46.9	541	102		146	9	3 24.80	44 36 30.6	138	46	
	9	21.27	47.3	92	110		147	9	3 24.86	46 30 2.1	106	12	
	9½	21.44	47.4	510	145		148	8½	3 27.05	41 32 57.9	100	49	
103	9½	2 22.28	25 34 39.4	510	146		149	8½	3 29.50	59 7 43.1	551	32	
104	8½	2 24.60	55 56 9.0	553	25		150	9	3 29.69	32 44 34.7	543	118	
105	8½	2 25.55	63 44 39.3	177	72		151	7½	3 31.01	46 11 17.9	166	124	
106	9½	2 26.89	62 11 20.4	508	36			7	31.04	19.0	106	13	
107	8	2 27.53	31 53 3.9	543	117		152	9	3 32.72	31 20 41.2	545	84	
	8	27.60	4.8	545	83		153	8	3 32.98	49 12 34.4	515	149	
	8	27.77	3.8	164	59		154	9	3 34.34	62 6 51.0	508	38	
108	8	2 28.64	63 20 46.7	177	71		155	10	3 35.87	30 51 1.3	545	85	?
109	8	2 30.20	32 30 4.2	164	60		156	8½	3 37.09	23 45 27.1	147	26	
	8	30.38	3.6	543	116			8½	37.19	25.2	102	76	
110	6	2 33.60	34 17 47.9	140	48		157	8½	3 37.87	48 40 25.0	525	1	
111	8½	2 33.78	70 0 38.5	549	47			9	37.95	26.2	515	150	
112	9	2 35.13	51 17 29.1	547	74		158	9	3 39.45	24 33 48.0	510	149	
	9½	35.16	26.7	502	113		159	8½	3 40.05	53 4 16.2	554	15	
113	9	2 36.59	26 36 14.0	541	103		160	8½	3 40.97	23 23 25.5	102	77	
114	7	6 2 38.51	45 47 60.5	106	11		161	8½	3 42.85	38 37 32.0	180	104	
	8	38.75	59.5	166	122		162	9½	6 3 45.31	51 3 54.3	547	76	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
163	8	6 3 45.63	55 57 17.4	183†	11
	7½	45.79	17.9	553	26
164	8½	3 48.20	57 58 28.1	551	36
165	9½	3 50.71	51 9 39.4	547	75
166	9	3 52.58	65 34 45.7	177	73
167	9	3 52.80	71 2 14.2	549	51
168	9	3 53.49	38 56 51.7	180	105
	9	53.52	52.4	519	47
169	9	3 53.99	69 25 16.1	549	50
170	6	4 0.07	42 8 5.6	100	48
171	8	4 0.89	39 58 12.8	519	48
172	9	4 3.75	27 40 22.3	541	105
	10	3.96	25.0	146	56
173	9	4 4.73	29 23 28.4	539	136
	9	4.88	27.4	174	142
174	8	4 8.12	52 51 54.4	536	138
	8	8.21	53.5	554	16
175	9	4 8.25	60 5 28.3	551	35
176	7	4 8.36	44 42 42.2	138	48
177	8½	4 9.49	62 16 53.9	503	40
178	9½	4 14.10	51 23 10.1	502	114
179	9	4 14.27	34 59 51.0	178	111
180	9	4 14.68	23 50 9.5	102	79
181	8½	4 14.93	23 32 39.5	102	78
	9	15.05	41.3	147	27
182	8½	4 16.02	44 27 35.5	138	47
183	9½	4 16.21	31 21 54.5	545	86
184	8½	4 18.89	56 3 32.5	553	28
	8½	18.99	32.1	183†	13
185	9	4 20.39	24 13 45.1	147	28
	8	20.44	45.6	102	80
	8½	20.54	43.0	510	150
186	8	4 23.38	56 4 58.4	553	27
	8	23.42	55.9	183†	12
187	8½	4 26.65	36 6 17.8	178	113
188	8½	4 27.21	25 15 17.8	510	151
	8½	27.34	17.7	92	113
189	8	4 29.75	61 43 60.2	529	2
	8½	30.00	58.2	508	42
190	8	4 30.67	41 15 9.5	100	50
191	10	4 31.74	29 20 3.0	174	143
192	8½	4 40.09	31 50 46.9	164	62
	8½	40.13	49.1	543	120
193	8½	4 44.48	38 2 34.9	180	106
194	9	4 44.70	52 42 26.1	536	139
	9	44.96	26.9	554	17
195	8½	4 46.29	31 0 7.8	545	87
196	6½	4 47.10	26 40 43.7	541	106
197	9	4 49.04	57 4 48.4	183†	14
198	9	4 49.66	34 4 24.9	140	52
	9	49.72	23.7	543	122
199	9½	4 49.73	58 1 55.1	551	37
200	7½	4 51.79	46 49 42.0	106	15
	8	51.84	43.3	525	2
	8	51.90	43.2	515	151
	8½	51.95	41.7	166	125
201	8	4 52.41	25 36 16.1	92	115
	8	52.45	15.9	510	153
202	9	4 53.51	69 41 51.5	549	52
203	6½	4 53.90	44 20 8.1	138	49
204	8½	4 55.23	32 2 39.8	164	63
	8½	55.25	39.3	543	121
205	8	4 55.56	29 26 16.8	539	137
	8	55.63	15.2	174	144
206	9½	4 57.64	65 49 59.2	177	75
207	9	4 58.25	34 55 44.1	178	112
208	9	4 59.47	25 16 10.2	92	114
	9½	59.56	7.1	510	152
209	8	6 5 2.74	43 47 29.1	138	50
210	8½	6 5 3.57	74 7 23.3	143	34
	8½	3.65	22.0	143	33
211	7½	5 4.25	41 5 45.0	100	51
	7½	4.25	44.9	519	49
212	9½	5 6.64	77 35 42.4	182†	32
213	9	5 6.98	77 15 52.4	755	40
214	8½	5 7.29	34 9 26.1	543	123
	8½	7.38	26.6	140	51
215	9	5 11.07	65 51 15.1	177	77
216	8½	5 11.56	49 43 33.8	502	115
	8½	11.77	34.6	547	78
217	9½	5 11.78	36 6 49.3	178	114
218	9½	5 13.91	24 36 29.4	102	82
219	9	5 14.72	57 9 23.5	183†	15
220	8½	5 15.01	50 58 28.2	547	77
221	9	5 15.07	56 11 36.9	553	29
222	8	5 15.16	25 27 36.0	510	154
	8	15.34	36.4	92	117
223	9½	5 15.57	60 32 53.1	551	38
224	9½	5 15.72	61 0 31.4	529	1
225	8	5 16.96	55 41 6.3	553	30
	8	16.99	7.7	183†	16
226	8½	5 17.85	25 36 30.9	92	116
	8½	17.95	28.5	510	155
227	8	5 19.19	29 47 44.8	539	138
228	9	5 21.03	30 41 28.3	545	90
229	9	5 22.94	30 53 10.8	164	64
	9	23.10	11.6	545	88
230	9	5 25.85	42 39 48.6	100	53
231	7½	5 26.32	54 25 11.8	553	31
	7½	26.51	10.9	554	21
232	9½	5 26.43	53 12 39.5	554	20
233	9	5 27.46	24 39 26.6	102	81
234	9½	5 28.83	27 29 37.8	541	107
235	9½	5 30.61	63 2 35.3	508	41
236	8½	5 31.14	52 31 1.8	554	18
237	9	5 32.88	30 38 22.1	545	92
238	8	5 33.79	53 15 50.7	554	19
239	9½	5 34.88	35 44 2.5	178	116
240	9	5 35.05	49 3 41.1	525	3
	9	35.47	41.3	515	152
241	9½	5 35.60	80 6 31.1	755	42
	9½	36.56	29.6	755	39
	9	36.88	28.5	182†	31
	9	37.18	28.9	182†	30
242	6	5 36.25	27 7 40.6	146	57
	6	36.34	37.8	541	109
243	9	5 37.77	65 17 21.5	177	74
244	9½	5 38.45	23 38 40.2	102	83
	9	38.54	44.8	102	85
245	9	5 40.09	29 18 53.0	174	145
246	9	5 40.61	30 37 44.6	545	91
247	9	5 41.68	27 32 43.1	541	108
248	9	5 44.84	30 46 29.7	545	89
249	9½	5 45.93	39 32 9.1	519	50
250	7½	5 46.28	41 57 25.5	100	52
251	8	5 46.90	24 21 52.5	510	156
252	10	5 47.83	38 46 57.1	180	107
253	9½	5 48.92	29 45 1.3	539	139
254	9	5 51.77	50 39 8.6	502	116
255	9	5 53.35	55 13 15.2	553	32
	8½	53.64	16.1	183†	17
256	8½	5 53.61	46 15 35.0	106	16
257	6	5 54.91	62 7 57.1	529	3
	6	54.95	55.6	508	44
258	9	5 57.58	35 44 39.2	178	115
259	9½	5 58.96	76 25 32.5	755	41
260	8½	6 5 59.28	52 6 54.5	502	117
	8½	59.65	55.5	547	79

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
261	9	6 6 0.45	39 11 2.5	180	108	
262	9	6 0.48	42 54 26.9	138	51	
	9½	0.64	28.4	100	54	
263	8½	6 0.54	46 19 28.6	106	17	
264	5	6 0.61	66 1 17.3	177	76	
	6	0.63	18.2	186†	1	
	6	0.88	18.6	555	1	
265	9½	6 4.40	47 13 56.7	515	153	
266	8½	6 4.42	46 19 33.7	106	18	
267	9	6 5.17	33 4 36.0	543	124	
268	9	6 5.30	46 39 15.3	106	19	
269	6	6 8.46	40 19 53.3	519	51	
270	9½	6 12.66	28 54 21.9	174	146	
271	6½	6 12.71	26 27 20.3	92	118	
272	9	6 13.14	28 46 51.2	539	140	
273	9½	6 14.11	34 13 10.9	140	53	
274	9	6 14.79	41 12 32.7	100	55	
275	8½	6 14.96	28 34 17.8	539	141	
276	7	6 15.38	49 32 31.0	525	4	
	7	15.46	29.5	515	154	
277	9	6 16.16	29 59 37.8	174	148	
	9	16.26	38.9	545	93	
278	8½	6 17.42	57 54 24.8	551	42	
279	9½	6 17.57	58 29 28.8	551	40	
280	9½	6 19.18	59 1 23.1	551	39	
281	8	6 20.66	23 45 20.0	102	87	
	8	20.99	20.4	102	84	
282	8	6 20.90	31 44 48.7	164	65	
283	9½	6 22.46	57 34 36.2	553	33	
284	9	6 23.55	46 31 55.4	106	20	
285	9½	6 23.75	58 57 3.3	551	41	
286	9½	6 24.54	29 8 38.1	174	147	
287	8½	6 25.66	22 52 13.7	102	86	
288	9½	6 25.97	53 55 26.6	554	23	
289	9½	6 26.12	61 40 29.6	508	43	
290	7	6 28.95	27 1 46.8	541	110	
	7½	29.13	49.5	146	58	
	8	29.28	46.0	92	119	
291	9	6 30.34	40 42 34.1	519	52	
292	9	6 30.37	34 26 59.3	140	55	
293	8½	6 31.27	34 11 31.9	140	54	
294	7½	6 32.54	51 21 58.4	502	118	
	7½	32.83	59.8	547	80	
295	8½	6 34.16	49 30 33.4	525	5	
	8½	34.17	37.5	515	155	
296	8	6 35.42	64 22 4.8	555	2	
297	8½	6 41.08	67 24 7.1	549	54	
298	9	6 41.31	44 53 59.6	138	52	
299	9	6 42.76	26 40 13.8	92	121	
	9	42.87	12.8	541	113	
300	7½	6 43.48	27 12 1.7	541	111	
	8	43.60	5.6	146	59	
301	7½	6 46.56	26 42 14.9	541	112	
	8½	46.63	16.8	92	120	
302	9½	6 49.03	48 19 2.7	515	156	
303	9½	6 50.94	24 25 39.2	510	157	
304	9½	6 53.63	32 40 45.0	543	125	
305	8½	6 54.86	53 51 52.8	554	22	
306	9	6 59.81	49 58 4.0	547	83	
307	9	7 0.25	36 22 48.3	178	117	
308	8½	7 2.71	25 13 28.6	510	160	
309	9	7 3.30	31 56 46.4	545	94	
	8½	3.40	44.1	164	66	
	9	3.43	46.5	543	126	
310	8	7 4.17	51 22 50.1	547	81	
	8	4.18	48.7	502	119	
311	7	6 7 5.42	67 15 46.0	186†	2	
	7	5.56	45.3	549	53	
312	8	6 7 12.28	25 12 56.5	510	159	
313	9	7 13.37	64 25 12.3	177	80	
314	9	7 14.59	51 12 10.6	502	120	
	9	14.73	13.5	547	82	
315	8	7 15.90	48 55 42.6	525	6	
	8	16.14	44.0	515	157	
316	8½	7 17.16	52 46 25.5	554	24	
317	9½	7 18.42	63 17 5.3	508	45	
	9½	18.71	3.4	529	5	
318	8½	7 19.08	23 26 28.5	102	88	
319	9	7 19.16	24 29 32.8	510	158	
320	9	7 20.67	55 38 51.4	553	34	
321	9½	7 20.97	36 48 32.6	178	118	
322	9½	7 22.52	26 34 43.2	541	114	
	9½	22.71	44.5	92	123	
323	9	7 24.96	26 36 9.6	541	115	
	9	25.01	11.5	92	122	
324	9½	7 25.00	40 22 0.3	519	53	
325	7½	7 25.98	44 50.44.2	138	55	
326	9½	7 27.45	63 11 53.0	508	46	
	9	27.52	50.8	529	4	
327	9½	7 29.34	65 15 18.1	177	78	
328	8½	7 31.93	23 33 2.7	102	89	
329	9	7 32.02	25 14 10.6	510	161	
330	8½	7 32.13	44 11 33.5	138	53	
331	9½	7 33.42	41 32 23.5	100	56	
332	9	7 34.78	61 18 30.9	529	7	
333	9	7 35.82	40 23 5.6	519	54	dpl.
334	8½	7 36.64	30 27 4.7	174	150	
	8½	36.69	5.8	545	95	
335	9	7 37.23	29 25 36.9	539	144	
336	7½	7 37.70	44 53 6.9	138	54	
337	9	7 39.12	30 31 48.4	174	149	
	9	39.30	48.7	545	96	
338	7½	7 40.17	28 59 6.9	539	142	
339	9	7 41.26	46 9 36.0	106	22	
340	9	7 42.77	63 34 28.8	186†	3	
	9	42.88	27.8	555	3	
	9½	42.89	27.6	177	79	
	8½	43.02	27.9	529	6	
341	9	7 43.56	57 45 42.2	551	43	
342	7	7 44.57	27 41 40.4	541	116	
	7½	44.64	38.7	146	60	
343	7	7 45.86	27 42 50.5	541	117	
	8	45.96	51.5	146	61	
344	9	7 46.38	40 23 18.5	519	55	
345	5	7 51.93	54 56 29.8	183†	18	
	5½	51.96	28.6	553	35	
346	8½	7 53.11	44 24 25.2	138	56	
347	9	7 54.54	36 43 21.0	178	119	
348	9	7 57.11	25 57 35.8	510	162	
	9	57.19	34.1	92	124	
349	9	7 57.36	23 57 39.5	102	90	
350	9	7 57.36	29 52 57.5	174	153	
351	8	7 57.49	59 29 45.8	551	45	
352	9	7 58.42	47 6 30.0	106	21	
	9	58.58	30.2	525	7	
353	7	7 58.64	27 42 8.7	146	62	
	7	58.67	8.3	541	118	
354	9	7 58.94	32 11 28.6	543	127	
	9	59.02	29.4	164	67	
355	9½	7 59.29	78 13 17.4	182†	33	
	9½	59.89	20.9	755	43	
356	9	8 4.78	25 46 30.5	92	125	
357	7½	8 5.45	28 25 54.9	146	63	
358	7	8 8.94	36 31 56.5	178	120	
359	8	8 12.00	46 18 1.0	106	23	
360	9	6 8 12.40	59 46 28.3	551	46	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
361	9½	6 8 14.08	25 53 45.6	510	163	
362	9	8 19.44	30 32 15.8	545	97	
	9	19.47	16.4	174	151	
363	8½	8 20.56	56 3 31.0	183†	19	
	8	20.64	32.2	553	36	
364	8½	8 22.18	29 24 12.1	539	143	
365	8	8 23.66	36 35 57.8	178	121	
366	9	8 25.59	37 53 59.3	180	110	
367	8	8 26.50	30 3 12.7	539	146	
	8½	26.52	12.8	545	99	
	8	26.56	11.3	174	152	
368	9½	8 27.62	32 53 8.6	543	128	
369	9½	8 30.48	32 48 2.7	543	129	
370	9½	8 30.76	36 32 10.9	178	122	
371	8	8 31.93	37 2 55.3	180	109	
372	8	8 32.06	34 32 25.1	140	56	
373	9½	8 32.77	51 39 8.2	547	84	
374	7	8 35.45	23 49 53.7	102	91	
375	8½	8 36.63	53 22 54.6	554	25	
376	8½	8 37.01	65 3 35.1	555	4	
	8½	37.07	35.3	177	82	
377	9	8 40.61	42 59 22.4	100	57	
378	9	8 41.40	28 50 5.3	146	64	
379	9	8 42.37	25 48 39.7	92	126	
	9	42.42	41.5	510	164	
380	7½	8 43.09	42 58 27.4	100	58	
381	7	8 43.51	29 21 43.3	539	145	
382	9½	8 43.86	30 1 25.6	545	100	
383	9	8 46.10	29 51 49.6	545	98	
	8½	46.17	49.0	174	154	
384	9	8 47.21	79 12 21.8	182†	35	
385	8	8 48.20	58 49 28.4	551	44	
386	8½	8 49.27	48 35 23.2	525	8	
	9	49.30	24.2	515	158	
387	9½	8 49.63	30 6 10.8	174	155	
388	8½	8 53.29	47 38 42.3	525	9	
389	10	8 53.32	73 40 42.9	143	35	
390	9½	8 54.81	72 28 31.6	143	36	
391	8	8 55.94	43 35 26.5	138	57	
392	9	8 56.76	51 33 62.7	547	85	
	9	56.91	59.5	502	121	
393	8½	8 57.44	69 39 39.2	549	55	
394	9	8 57.94	36 41 59.4	178	123	
395	8½	9 0.31	54 6 8.8	534	26	
396	9	9 3.85	51 52 55.6	547	86	
	8½	3.95	54.7	554	27	
	9	3.95	50.5	502	122	
397	9	9 5.26	30 58 22.3	545	101	
398	8½	9 5.39	24 41 5.6	102	92	
399	8½	9 8.45	35 46 2.5	178	125	
400	9	9 10.49	41 54 53.0	100	59	
401	8½	9 12.39	59 46 26.5	551	47	
402	9	9 14.11	77 15 29.8	755	44	
403	8½	9 14.51	40 31 40.9	519	56	
404	9	9 14.86	43 33 55.1	138	58	
405	9½	9 15.26	47 50 40.4	525	10	
406	8½	9 16.10	26 7 39.1	510	165	
	8½	16.18	40.9	92	127	
	8	16.19	38.0	541	119	
407	9	9 16.45	37 26 24.5	180	113	
408	8½	9 16.61	35 41 0.5	178	124	
409	8	9 17.44	49 19 38.1	136	1	
	8	17.50	39.3	547	88	
	8½	17.66	39.0	515	159	
410	9½	9 20.05	26 16 44.5	541	121	
411	8	9 23.94	23 41 40.0	102	93	
412	8½	9 24.40	55 46 14.0	553	37	
	9	24.41	14.3	183†	20	
413	9	6 9 28.33	28 29 4.2	146	65	
414	9	6 9 28.93	33 9 28.5	140	57	
	9½	29.02	26.9	543	130	
415	5	9 32.25	68 49 0.2	549	56	
416	9	9 34.58	28 36 24.9	146	66	
417	9	9 34.87	51 59 47.1	547	87	
	9½	35.25	45.9	502	123	
418	8½	9 35.13	26 9 55.9	510	166	
	9	35.21	54.3	92	128	
	8	35.21	54.3	541	120	
419	9½	9 35.50	64 18 38.7	177	81	
420	8	9 35.63	61 28 10.0	508	48	
	8	35.70	11.6	529	9	
421	8½	9 36.39	37 31 27.0	180	112	
422	9½	9 39.97	40 28 59.5	519	57	
423	9½	9 40.86	61 59 26.8	507	47	
424	7	9 41.05	29 34 3.1	539	147	
	7	41.13	3.7	174	156	
425	8½	9 41.07	38 45 43.5	180	111	
426	8½	9 41.43	34 13 6.3	140	58	
427	9½	9 41.54	23 45 1.2	102	94	
428	9	9 43.96	24 3 35.7	102	95	
	9½	43.99	35.2	510	168	
429	9	9 44.77	35 14 42.0	178	127	
430	8½	9 44.79	49 1 32.2	525	11	
431	7½	9 45.32	65 16 57.7	555	5	
432	8½	9 45.59	49 22 39.4	547	89	
	9	45.67	39.1	515	160	
	8½	45.79	37.4	136	2	
433	9½	9 47.94	41 50 57.4	100	60	
434	8½	9 47.97	60 1 39.4	551	48	
435	8½	9 48.12	44 53 30.8	106	24	
436	10	9 49.11	35 41 37.5	178	126	
437	9	9 49.26	25 50 16.8	510	167	
438	8	9 49.74	45 1 37.2	106	25	
439	8½	9 51.05	65 52 29.1	186†	4	
440	9½	9 55.53	60 17 51.7	551	50	n. pr.
441	9	9 55.90	60 17 61.2	551	49	s. sq.
	8½	56.26	59.7	529	8	
442	9	9 56.08	51 7 49.7	502	124	
443	9½	10 0.21	33 33 59.4	543	131	
444	9	10 0.84	30 7 53.4	174	159	
445	7½	10 1.73	45 0 7.8	106	26	
446	8½	10 1.88	28 42 10.7	146	67	
	8½	1.92	10.1	539	150	
447	9½	10 2.81	29 27 31.8	539	148	
	9	2.97	30.9	174	157	
448	8½	10 3.93	24 21 17.7	102	96	
	9	3.98	19.6	510	169	
449	8½	10 9.86	44 42 17.8	138	59	
450	9	10 9.87	24 29 24.8	102	97	
451	8	10 10.64	30 48 55.5	164	68	
	8	10.73	56.3	545	102	
452	10	10 10.92	78 30 5.3	182†	37	
453	9½	10 11.22	44 35 41.9	138	60	
454	7½	10 11.38	29 19 35.5	539	149	
	7½	11.42	34.7	174	158	
455	9	10 11.58	55 45 24.0	553	38	
	9½	11.62	24.1	183†	21	
456	9	10 12.59	71 5 31.6	549	57	
	9½	12.96	28.6	143	37	
457	9½	10 13.61	27 28 40.7	541	122	
458	9½	10 15.30	23 23 59.4	102	98	
459	9½	10 17.53	65 39 31.9	186†	5	
460	9½	10 19.99	41 58 35.9	100	61	
461	8½	10 22.67	60 47 47.5	508	49	
	9	22.80	48.1	529	10	
462	9	10 25.60	25 9 13.1	92	129	
463	9	6 10 25.97	79 51 16.1	755	45	
	9	26.52	15.9	182†	34	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
464	8½	6 10 26.11	36 54 34.7	180	114	
465	8½	10 29.66	49 36 55.0	136	3	
	8½	29.76	55.8	525	12	
	9	29.78	54.7	547	90	
	9	30.03	57.7	515	161	
466	9½	10 31.93	30 28 41.2	545	103	
467	9	10 32.02	42 3 32.3	100	62	
468	9½	10 37.12	45 0 18.2	106	27	
	9½	37.40	21.4	138	61	
469	9½	10 39.29	65 22 29.4	555	6	
470	8½	10 42.63	51 55 51.1	547	94	
	9	42.82	50.3	554	29	
471	9½	10 43.96	27 5 4.5	541	124	
472	8	10 44.08	60 13 16.7	551	52	
473	9	10 45.39	23 18 51.1	102	99	
474	9	10 47.36	28 15 43.8	539	151	
475	8½	10 48.58	23 17 29.8	102	100	
476	7	10 48.59	51 37 44.6	547	92	
	7	48.96	41.9	502	125	
477	9½	10 48.75	27 6 3.5	541	125	
478	8½	10 49.54	56 19 13.4	553	40	
	9	49.58	14.6	183†	23	
479	9	10 50.27	26 58 2.4	146	68	
	8½	50.33	2.1	541	123	
480	9½	10 50.39	28 18 52.8	539	152	
481	10	10 50.55	36 34 38.0	178	129	
482	8½	10 51.06	53 14 36.7	554	28	
483	8	10 51.40	32 29 41.2	543	132	
	8½	51.53	41.0	164	69	
484	9½	10 52.49	56 18 14.2	553	41	
485	9	10 54.52	25 14 59.9	92	130	
486	9	10 55.09	24 57 53.6	92	131	
487	8½	10 55.70	34 54 32.7	140	59	
	8½	55.75	33.8	178	128	
488	9	10 56.06	70 16 15.8	549	58	
489	10	10 58.23	71 28 32.5	143	38	
490	6	10 58.68	65 33 33.9	177	83	
	5½	58.78	36.0	555	7	
	5	58.81	33.6	186†	6	
491	9	11 0.26	25 1 44.3	92	132	
492	8½	11 0.93	47 18 22.8	515	162	
493	9	11 2.45	38 26 0.0	180	115	
494	8	11 4.54	27 28 0.9	541	126	
	8	4.55	2.5	146	69	
495	8½	11 6.01	49 46 13.7	547	91	
496	8½	11 6.32	60 11 53.6	551	51	
497	9½	11 7.58	38 31 9.3	180	116	
498	6	11 8.70	29 44 50.3	174	160	
499	8½	11 10.29	49 4 23.0	525	13	
	8½	10.59	23.3	136	4	
500	7½	11 11.19	59 54 0.2	551	54	
501	9½	11 12.98	36 38 15.2	178	130	
502	9	11 14.62	56 2 11.0	553	39	
	9½	14.63	10.6	183†	22	
503	7	11 14.84	61 26 17.5	529	11	
504	9	11 19.23	51 32 48.5	547	93	
	9	19.28	49.4	547	95	
505	9½	11 21.43	28 7 14.0	539	153	
	9½	21.55	12.7	146	70	
506	8½	11 22.67	39 17 31.0	519	59	
507	8	11 22.97	46 58 18.1	106	28	
	8	23.04	18.2	525	16	
508	9	11 23.29	41 20 30.6	100	63	
509	9	11 23.30	52 18 58.4	554	30	
510	9½	11 24.18	76 19 59.0	755	46	
511	9	11 25.10	39 50 11.6	519	58	
	9	25.13	11.6	519	60	
512	9	11 25.21	34 19 38.3	140	60	
513	8½	6 11 25.97	48 45 14.0	525	15	
	9	26.02	14.4	136	5	
514	9½	6 11 27.81	71 42 29.2	143	39	
515	9½	11 28.51	41 56 15.8	100	64	
516	7	11 32.29	56 52 45.4	183†	25	
517	8½	11 33.06	48 22 11.8	136	6	
	8½	33.29	10.8	525	14	
518	8½	11 33.92	65 30 48.6	186†	8	
	8½	33.99	47.1	555	10	
519	8½	11 34.13	53 20 18.6	554	32	
520	8½	11 34.82	60 25 28.8	529	13	
521	9½	11 38.71	59 52 36.3	551	55	
522	9½	11 39.00	52 14 38.8	554	31	
523	9½	11 40.31	23 3 26.5	102	101	
524	9	11 40.90	49 43 55.7	547	96	
525	8	11 41.53	34 0 44.2	543	133	
	8½	41.64	43.3	140	61	
526	8	11 42.26	24 54 13.9	92	133	
527	9	11 45.33	43 8 10.1	100	66	
528	8½	11 49.06	62 1 57.9	529	12	
529	8½	11 49.13	70 20 0.3	549	59	
530	9	11 49.61	40 7 46.5	519	61	
531	9	11 50.00	32 23 51.8	543	134	
532	9	11 52.93	65 29 57.3	177	84	n. pr.
	7	53.06	59.3	186†	7	
	7	53.39	57.7	555	8	
533	9	11 54.89	28 53 25.8	174	161	
534	9	11 55.39	38 32 11.8	180	117	dpl. II. n. sq.
535	8½	11 56.03	65 30 9.0	186†	9	s. sq.
	8½	56.42	11.1	555	9	
536	8½	11 57.19	78 32 1.3	182†	36	
	9	57.76	2.0	755	47	
537	9	11 59.81	48 21 50.8	136	7	
538	8½	12 0.04	44 1 45.4	138	62	
539	7½	12 1.97	35 23 19.3	178	133	
540	7½	12 2.95	24 1 43.9	102	103	
541	9½	12 3.37	23 54 25.7	102	104	
542	9	12 4.48	31 37 15.7	545	107	
543	9	12 5.78	29 16 9.0	174	162	
544	9	12 6.23	36 38 30.3	178	131	
545	5	12 6.46	35 5 59.9	140	63	
	4½	6.48	60.0	178	132	
546	8½	12 7.97	29 49 43.3	539	154	
	8½	8.07	41.8	174	164	
	8	8.17	42.2	545	105	
547	8½	12 8.32	31 31 36.8	545	106	
	8½	8.44	36.4	164	70	
548	9	12 8.62	30 17 28.2	545	104	
	9½	8.77	30.9	174	165	
549	8½	12 9.90	46 5 25.2	106	30	
550	8½	12 10.83	56 53 54.0	183†	24	
551	9	12 11.28	29 17 37.3	174	163	
552	9	12 12.00	31 35 58.6	164	71	?
553	9	12 12.64	41 35 36.5	100	65	
	9	12.64	36.7	100	67	
554	9	12 12.67	27 21 60.5	146	71	
	8½	12.73	59.5	541	127	
555	7	12 14.61	26 53 19.7	146	72	
	7	14.74	17.6	541	128	
556	8½	12 15.27	44 23 1.0	138	63	
557	9	12 16.13	45 53 26.4	106	29	
558	8½	12 17.30	44 34 36.2	138	65	
	8½	17.31	38.0	138	64	
559	9	12 18.27	69 13 40.5	549	61	
560	10	12 18.39	60 11 4.4	551	53	
561	9	12 19.43	46 50 57.9	106	32	
	8½	19.90	57.5	525	18	
562	9	12 19.67	24 11 14.7	102	105	
563	8½	12 21.66	23 29 0.5	102	102	
564	9	12 26.38	25 58 41.8	541	130	
	9	26.43	41.8	92	134	
565	8½	6 12 27.78	35 51 33.9	178	134	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
566	7	6 12 27.96	39 13 9.0	180	118
	7	28.01	11.2	519	63
567	8½	12 29.17	69 43 35.7	549	60
568	8½	12 29.38	46 59 33.0	136	9
	8½	29.42	33.8	525	17
	9	29.49	33.0	106	31
569	9	12 33.49	30 58 42.4	174	167
570	9½	12 34.35	33 21 0.6	543	135
571	9	12 35.40	49 17 13.8	525	20
572	8½	12 36.93	26 40 26.6	541	129
	8½	37.06	28.3	92	135
573	8½	12 38.97	34 41 30.5	140	62
574	9	12 39.64	60 32 3.6	529	14
575	9	12 39.71	55 17 14.4	553	43
576	8½	12 41.41	56 9 35.5	553	45
577	8	12 43.09	35 55 24.7	178	135
578	8½	12 44.07	24 10 21.2	102	106
579	8	12 44.33	39 35 17.3	519	62
580	6	12 46.08	37 41 40.7	180	119
581	8½	12 48.31	54 30 59.6	553	42
	9	48.36	59.4	554	33
582	9	12 49.79	41 29 12.4	100	68
583	9	12 50.57	76 39 43.8	755	48
584	8½	12 53.78	47 47 4.3	136	8
	8½	53.90	7.4	525	19
585	9	12 55.90	33 39 19.1	140	64
	8	55.91	18.6	543	137
586	9	12 56.32	54 3 55.3	554	34
587	9½	12 57.35	77 55 33.5	182†	38
588	9	12 59.11	66 0 25.3	186†	10
589	8	12 59.91	43 35 55.0	138	66
590	9	13 3.89	33 40 11.3	543	136
	9	3.89	12.7	140	65
591	8½	13 4.18	50 55 57.3	547	97
592	7½	13 7.70	30 57 42.9	545	108
	7½	7.78	41.9	174	166
593	9	13 9.25	29 35 47.3	539	156
594	9½	13 9.35	56 6 47.6	553	46
595	9	13 9.40	29 48 5.6	539	155
596	9½	13 10.56	45 13 11.8	106	33
597	9	13 10.70	37 49 9.0	180	120
598	10	13 12.03	65 26 20.9	555	12
599	9½	13 13.02	27 11 17.0	146	73
600	8	13 15.94	24 16 57.5	102	108
601	9	13 20.73	29 8 6.8	539	157
	9	20.85	6.5	174	168
602	9	13 21.50	57 0 42.0	183†	26
603	8½	13 22.47	24 14 20.9	102	107
604	9	13 22.56	27 0 53.0	146	74
605	8½	13 24.68	72 58 37.4	143	41
606	9	13 27.16	46 59 55.3	136	10
607	7½	13 27.34	52 22 2.8	188†	1
	8	27.47	3.3	554	35
608	8½	13 34.53	47 42 4.6	525	22
609	8½	13 34.87	69 12 2.4	549	62
610	9	13 36.50	24 38 22.4	102	109
611	8½	13 37.42	54 37 57.2	554	36
612	8½	13 37.56	47 37 14.2	525	21
613	9	13 37.85	65 29 8.2	555	11
614	9	13 37.91	57 39 29.7	551	56
	8½	37.94	32.1	183†	27
	9	38.07	31.1	553	44
615	8	13 39.89	40 36 39.9	519	64
616	9½	13 40.64	29 15 8.2	539	159
617	9	13 41.20	28 7 42.5	541	133
618	7½	13 42.73	66 38 24.9	186†	12
	7½	43.49	24.4	555	13
619	9	13 42.91	29 19 8.0	174	169
	9	43.03	9.3	539	158
620	8	6 13 43.83	62 14 34.8	529	16
621	9	6 13 43.96	26 16 38.3	541	131
622	9½	13 47.39	66 45 31.1	186†	13
623	8½	13 47.89	66 7 56.5	177	85
	8	48.05	57.3	186†	14
	8	48.06	55.1	186†	11
624	7	13 49.24	24 57 49.4	102	110
	7	49.36	47.3	92	136
625	9	13 52.85	33 56 55.0	543	138
626	8½	13 55.83	60 36 25.2	551	60
	8½	55.88	24.9	529	15
627	9	13 56.06	42 56 11.3	138	67
	9½	56.34	10.2	100	69
628	9	13 56.29	69 44 37.5	549	64
629	9	13 56.37	46 19 55.7	106	34
630	9	13 56.59	29 23 13.7	539	160
	9	56.78	12.8	174	170
631	6	13 57.54	74 42 30.4	143	40
632	9½	13 57.55	62 15 5.8	529	17
633	8	13 57.58	28 4 31.6	541	132
634	10	13 58.50	77 36 2.0	182†	39
635	9½	13 58.68	29 21 20.0	174	171
636	9½	14 2.50	69 19 55.6	549	63
637	8	14 5.69	62 19 32.4	529	18
638	9	14 6.17	33 32 34.4	543	139
	9	6.22	35.4	140	66
639	7½	14 8.88	24 55 29.2	92	137
	7½	8.94	30.1	102	111
640	8	14 9.12	24 54 23.5	102	112
	8½	9.16	25.6	92	138
641	9	14 9.19	59 6 29.6	551	57
642	9	14 13.39	27 7 51.0	146	75
643	9	14 14.01	32 9 4.4	545	109
	9	14.02	3.0	543	140
	9	14.07	5.6	545	111
644	9	14 16.64	48 44 19.4	525	23
645	9	14 17.83	30 31 25.8	545	110
646	8½	14 18.50	28 57 50.3	174	172
647	7½	14 18.54	54 34 13.6	554	37
	7	18.54	13.4	188†	2
648	8½	14 21.69	35 51 37.2	178	136
649	7½	14 25.72	38 50 33.2	180	121
650	8½	14 26.68	47 19 5.4	136	11
651	9½	14 26.94	46 37 16.2	106	35
652	9	14 27.10	76 59 38.2	182†	43
	9½	27.61	38.0	755	49
653	9½	14 29.52	25 16 37.8	92	140
654	8	14 30.26	59 9 53.6	551	58
655	9½	14 30.68	36 16 15.6	178	137
656	9	14 30.68	46 38 31.1	106	36
657	8½	14 34.58	43 38 44.3	138	68
658	6½	14 34.90	59 9 19.1	551	59
659	9	14 35.66	32 6 2.7	545	112
	9	35.66	1.6	543	141
660	8½	14 36.62	40 39 48.0	519	65
661	9	14 37.52	24 46 20.9	102	113
662	7½	14 40.55	26 55 43.0	541	134
	7½	40.64	43.5	146	76
663	8½	14 40.84	61 33 1.4	529	19
664	7½	14 42.34	55 21 57.6	183†	28
	7½	42.35	59.7	553	48
665	8½	14 43.00	25 21 12.6	92	139
666	8½	14 45.17	49 22 1.7	547	98
667	9	14 47.55	55 24 17.5	553	47
	9	47.58	18.0	183†	29
668	9	14 49.08	40 14 49.5	519	66
669	8½	14 49.57	54 3 16.1	188†	3
	9	49.67	16.5	554	39
670	8½	14 50.37	36 28 27.7	178	138
671	8	14 50.80	51 23 28.8	547	99
672	8½	6 14 53.92	51 13 23.3	547	100

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
673	9½	6 14 55.23	72 46 4.8	143	42	
674	9	14 57.74	26 17 10.6	92	141	
675	9	14 58.77	46 43 44.4	106	37	
676	8½	15 1.42	48 38 53.8	525	24	
677	9	15 2.30	26 51 2.4	541	136	
678	7½	15 4.44	53 55 48.8	188†	4	
	7	4.51	46.9	554	38	
679	8½	15 4.76	37 24 33.1	180	122	
680	8	15 6.53	41 1 22.1	100	70	
681	9½	15 7.07	40 11 24.5	519	67	
682	9	15 7.08	36 25 17.7	178	139	
683	9	15 7.56	32 49 18.5	164	72	
	9	7.61	15.2	543	142	
684	8	15 8.03	47 59 16.0	136	12	
	8	8.09	16.0	525	26	
685	8½	15 8.42	41 43 40.9	100	71	
686	8	15 8.87	26 43 23.5	541	135	
	8½	8.94	30.1	92	142	
687	6½	15 10.80	34 20 36.0	140	67	
688	9	15 14.50	43 32 15.4	138	69	
689	8½	15 16.31	48 20 8.1	136	13	
690	9	15 22.17	54 56 22.8	553	50	
	9½	22.26	23.0	183†	30	
691	9½	15 23.61	48 41 24.6	525	25	
692	10	15 23.80	32 16 27.9	543	143	
693	8½	15 24.17	58 20 3.4	551	63	
694	8	15 25.70	29 57 51.1	545	115	
	8	25.82	49.9	539	161	
695	7	15 27.06	53 30 34.4	554	41	
	7	27.20	35.4	188†	6	
696	8½	15 27.51	25 1 4.5	102	114	
697	9	15 28.92	31 40 33.7	545	113	
698	9½	15 29.08	29 33 48.0	539	164	s.pr.
	9	29.09	47.0	174	176	
699	8½	15 29.41	29 33 35.5	539	163	n.sq.
	8	29.66	36.0	174	175	
700	9	15 30.07	42 25 55.4	100	72	
701	3½	15 30.92	30 0 32.7	539	162	
	3	30.97	33.8	545	114	
702	10	15 33.74	29 0 32.7	174	173	
703	8	15 34.44	66 14 41.9	186†	15	
	8	34.56	43.5	555	15	
704	7½	15 37.89	24 14 43.1	102	115	
705	8	15 39.07	42 49 58.7	138	70	
	8½	39.24	59.4	100	73	
706	9½	15 40.12	39 17 5.2	519	70	
707	10	15 40.79	27 20 47.9	146	77	
708	7	15 41.04	39 25 55.4	519	69	s.pr.
709	9	15 42.14	26 34 11.5	541	137	
710	7	15 43.61	50 18 22.4	547	101	
711	8½	15 43.73	39 25 31.9	519	68	n.sq.
712	8½	15 44.70	58 28 27.7	551	64	
713	9½	15 44.91	59 19 17.1	551	61	
714	9½	15 45.46	42 42 25.1	100	74	
715	9	15 46.72	66 42 37.0	555	14	
716	7	15 50.74	54 21 7.8	183†	31	
	7½	51.07	9.6	553	49	
717	8½	15 50.96	56 49 17.3	553	52	
718	8	15 52.93	56 23 34.5	553	51	
719	9	15 53.16	32 32 47.8	543	144	
720	9	15 54.63	34 43 2.2	140	68	
721	7½	15 54.69	53 34 44.8	188†	5	
	7½	54.87	44.9	554	40	
722	9½	15 55.50	28 59 49.4	174	174	
723	8	15 55.87	36 17 53.2	178	140	
724	8	15 57.54	42 42 8.9	100	75	
725	8½	15 58.81	75 2 32.4	755	51	
	7½	59.91	30.2	182†	40	
726	8½	15 58.87	58 45 27.9	551	62	
727	8½	6 16 0.04	61 11 48.7	529	21	
728	8½	6 16 0.95	42 57 27.2	138	71	
729	8	16 2.06	48 21 19.5	136	14	
730	9½	16 3.25	61 35 31.4	529	20	
731	10	16 3.60	72 26 14.3	143	43	
732	9	16 4.12	24 27 32.6	102	117	
733	9½	16 4.29	34 44 48.0	140	69	
734	8	16 4.55	30 34 49.8	545	116	
	8	4.65	49.5	174	178	
735	6	16 4.98	34 5 19.9	543	145	
736	8½	16 5.28	43 50 40.6	138	72	
737	9½	16 5.63	34 53 31.8	140	71	
	9½	5.92	32.2	178	142	
738	8½	16 5.72	34 8 59.6	543	146	
739	8½	16 5.82	39 10 12.9	519	71	
	8½	5.87	11.3	180	123	
740	9	16 6.25	24 11 49.8	102	116	
741	7	16 6.58	29 36 42.8	539	165	
	7	6.84	42.0	174	177	
742	9	16 8.71	34 52 5.1	140	70	
	9	8.73	8.4	178	141	
743	7	16 9.40	77 3 55.8	182†	41	
	8	9.88	55.0	755	50	
744	9	16 10.29	47 56 5.1	525	27	
745	9	16 12.94	40 58 44.1	519	72	
746	8½	16 13.07	37 26 51.9	180	126	
747	8	16 13.45	26 25 58.8	541	138	
	8½	13.47	58.2	92	143	
748	8½	16 13.86	33 31 39.9	543	147	
749	9	16 17.00	45 57 43.1	106	39	
750	9	16 17.70	70 32 48.0	549	65	
751	9½	16 18.83	38 24 46.0	180	124	
752	9	16 20.43	56 57 39.0	553	54	
753	8	16 20.96	56 56 48.4	553	53	
754	8½	16 24.63	38 6 8.9	180	125	
755	9½	16 25.42	41 1 45.2	519	73	
756	9	16 27.22	70 24 51.4	549	66	
757	9	16 28.74	53 55 9.0	188†	7	
	8½	28.76	11.1	554	42	
758	9½	16 32.48	44 35 12.1	138	73	
759	8½	16 34.87	25 17 32.9	92	144	
760	9	16 37.33	48 3 8.4	525	29	
761	8	16 37.75	37 26 9.9	180	127	
762	8½	16 39.20	48 9 3.3	525	28	
763	8	16 39.82	29 5 37.6	146	78	
	7½	39.90	40.3	539	166	
764	8½	16 41.94	46 2 36.6	106	40	
765	8½	16 42.38	35 3 57.9	178	143	n.pr.
	8½	42.41	57.4	140	72	
766	9	16 43.51	47 9 26.4	106	38	
767	9	16 44.35	35 4 5.5	140	73	s.sq.
	9	44.47	6.6	178	144	
768	9½	16 45.00	50 50 23.5	547	102	
769	9½	16 45.41	24 13 23.3	102	118	
770	9½	16 45.68	42 47 18.5	100	76	
771	8½	16 46.17	27 26 51.9	146	79	
772	7	16 48.72	48 40 32.2	525	30	
773	7½	16 50.09	33 0 48.2	164	73	
774	9½	16 51.38	46 34 59.9	106	43	
775	9½	16 52.37	33 42 36.7	543	150	
776	9	16 53.04	54 48 38.2	183†	32	
777	8	16 53.10	71 36 29.9	143	44	
778	9½	16 55.33	46 33 36.8	106	42	
779	8½	16 56.27	48 58 54.9	136	15	
780	8	16 56.62	26 18 37.7	541	139	
	8	56.67	37.6	92	145	
781	8½	16 57.19	33 40 15.5	543	148	
782	9	16 57.77	56 37 32.4	553	55	
783	9	17 0.49	64 33 2.8	555	17	
	9	0.61	2.8	186†	17	
784	9½	6 17 3.24	60 41 5.0	529	22	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
785	9½	6 17 5.01	30 31 15.1	545	117
	9½	5.25	16.1	174	180
786	8½	17 5.38	52 5 22.0	188†	9
	9	5.59	19.1	554	44
787	8½	17 5.56	44 44 2.9	138	74
788	7½	17 5.79	71 39 20.3	143	45
789	9	17 6.43	33 39 27.1	543	149
790	7½	17 7.30	63 58 39.5	555	16
	7½	7.41	40.3	186†	16
791	9	17 10.47	75 44 29.4	755	52
792	9½	17 11.63	56 30 51.6	553	56
793	7½	17 12.70	23 31 49.7	102	119
794	8	17 13.21	46 37 9.7	106	41
795	7½	17 13.81	26 12 58.5	541	140
	8	13.93	59.1	92	146
796	7	17 14.91	49 2 48.1	136	16
	7	15.04	48.6	525	31
797	8	17 16.27	33 2 20.4	164	74
798	7½	17 17.15	30 28 27.7	545	118
	7½	17.42	26.8	174	179
799	8	17 17.39	46 54 43.0	136	17
800	8½	17 19.75	33 53 8.6	543	151
801	9½	17 21.—	29 53 34.6	174	183
	9	21.50	36.5	545	120
802	9½	17 21.31	72 26 50.8	143	46
803	9	17 22.25	75 52 53.3	755	53
804	9	17 23.25	58 33 57.4	551	65
805	8½	17 29.96	29 47 54.0	539	167
	8½	30.00	54.2	174	182
806	9	17 31.68	75 54 37.2	755	54
807	8	17 32.17	44 41 59.4	138	75
808	8	17 32.54	69 1 27.8	549	67
809	4	17 32.78	33 22 26.2	543	153
	4	32.79	25.9	140	75
810	9½	17 33.93	23 39 21.5	102	120
811	9	17 36.68	43 9 23.8	100	77
812	7½	17 36.91	34 58 58.0	140	74
	7½	36.98	58.0	178	145
813	9	17 37.61	63 4 59.0	529	23
814	9	17 40.23	30 27 12.2	545	119
	9	40.48	12.1	174	181
815	8½	17 40.40	44 42 52.2	138	76
816	9½	17 40.95	76 56 20.2	182†	44
	9	41.22	20.7	182†	42
817	8½	17 42.23	77 18 45.9	755	55
818	7	17 43.93	73 34 41.4	143	48
819	7	17 44.63	52 0 42.5	547	103
	7	44.73	41.9	554	43
	7	44.78	42.0	188†	8
820	9	17 44.75	26 15 42.9	92	147
	9	44.80	41.9	541	141
821	8½	17 51.03	26 15 15.8	541	142
	8½	51.10	15.9	92	148
822	9	17 53.86	54 27 28.2	188†	10
	9	53.96	29.7	183†	33
	9	54.03	28.0	554	47
823	9	17 56.78	40 49 15.1	519	75
	9½	56.87	13.6	100	80
824	9	17 57.66	28 48 32.1	539	169
	9½	57.71	29.2	146	80
825	8½	17 58.10	33 48 31.2	543	152
826	9½	17 58.86	29 46 7.1	539	168
827	10	18 1.19	70 52 54.7	549	69
828	9	18 3.26	42 12 39.5	100	78
829	8	18 4.21	39 9 24.2	519	74
	8	4.36	24.7	180	128
830	9	18 8.57	73 24 9.5	143	49
831	8½	18 9.72	37 37 35.5	180	130
832	9½	6 18 11.67	46 49 9.0	106	45
833	9½	6 18 12.22	54 23 9.5	183†	34
	9½	12.31	9.5	554	45
834	9	18 14.32	64 44 6.1	186†	18
835	8½	18 15.29	37 55 12.8	180	129
836	9½	18 18.04	58 13 34.7	551	66
837	9½	18 18.90	79 9 56.6	755	56
838	8	18 20.02	33 33 5.4	543	154
	8	20.21	6.6	140	76
839	9	18 21.01	61 16 7.4	529	24
840	9	18 21.94	32 2 27.4	543	156
841	7½	18 23.92	26 18 55.8	541	143
	8	23.96	57.6	92	149
	8	24.10	56.4	92	151
842	9	18 24.16	70 48 1.6	549	68
843	8	18 25.22	49 16 28.9	136	18
	8	25.34	29.5	525	33
844	9½	18 25.42	65 3 25.9	186†	19
845	9½	18 28.64	30 51 7.6	545	123
846	8	18 29.61	23 8 28.9	102	121
847	9	18 29.61	23 10 3.3	102	122
848	9	18 30.22	49 29 9.0	525	32
849	8	18 31.51	30 52 54.5	164	75
	7½	31.55	55.5	545	122
850	9	18 31.61	45 5 4.4	138	77
851	9½	18 31.97	36 56 31.6	178	146
852	9	18 33.61	46 38 43.1	106	44
853	7	18 33.81	31 43 37.1	545	124
	7	33.85	36.2	164	76
854	8	18 34.52	54 52 18.0	183†	36
855	8½	18 37.57	29 57 11.7	539	171
	9	37.83	8.5	174	184
	8½	37.91	10.1	545	121
856	9	18 37.58	50 16 33.6	547	104
857	9½	18 39.14	24 50 49.3	102	123
858	7½	18 39.27	52 36 5.1	554	50
859	8½	18 39.33	61 28 41.7	529	27
860	9	18 40.04	27 0 7.1	146	81
861	7½	18 40.09	61 16 23.8	529	25
862	7	18 40.87	29 47 49.1	539	170
	6½	40.98	48.5	174	185
863	9½	18 41.41	73 9 50.8	143	47
864	9	18 41.81	32 2 44.9	543	155
865	8½	18 42.22	29 12 22.5	174	186
866	9½	18 47.36	26 25 11.9	541	144
867	8	18 50.53	54 17 34.5	183†	35
	7½	50.63	33.5	188†	11
	8½	50.88	33.2	554	46
868	6½	18 51.16	45 53 52.8	106	47
869	9½	18 51.18	37 9 42.3	178	147
	10	51.21	42.7	180	131
870	6	18 51.25	25 30 41.5	92	150
871	7	18 52.28	63 46 0.9	555	18
872	9	18 53.02	41 16 55.2	100	79
873	7	18 53.04	51 10 33.2	547	106
874	8	18 54.76	25 5 13.5	102	124
875	9½	18 57.97	56 35 41.4	553	57
876	9½	19 2.28	49 37 55.6	547	105
877	8½	19 3.45	58 17 29.1	551	67
878	8	19 5.15	33 15 22.2	140	77
	8	5.15	22.4	543	157
879	9½	19 5.55	26 34 22.1	541	145
880	9	19 6.63	61 32 26.6	529	28
881	9½	19 9.78	70 44 36.6	549	70
882	7	19 11.46	26 22 44.3	541	146
	7½	11.52	45.2	92	152
883	7½	19 13.15	69 6 13.2	549	71
884	8½	19 13.69	33 29 18.6	140	78
	8½	13.73	16.3	543	158
885	9	6 19 13.87	35 3 57.6	140	79

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
886	8½	6 19 14.29	65 59 50.6	186†	21	
887	9	19 16.22	24 58 49.2	102	125	
888	8½	19 18.09	24 55 50.9	102	126	
889	7½	19 19.38	45 51 25.1	106	48	
890	8½	19 19.82	42 58 21.9	138	78	
	9	20.11	23.2	100	82	
891	10	19 20.62	42 15 39.3	100	81	
892	9	19 20.70	31 52 9.5	545	128	
893	9	19 21.00	28 53 30.8	174	187	
894	6½	19 21.03	45 33 54.7	106	50	
895	8½	19 22.14	31 42 19.0	164	77	
	8½	22.16	17.4	545	125	
896	8½	19 23.00	48 42 33.3	136	21	
897	7½	19 24.58	53 54 30.2	188†	12	
	8	24.77	29.5	554	48	
898	8	19 25.48	27 57 27.0	541	147	dpl. II. sq.
	9	25.50	28.4	146	82	
	8½	25.54	28.6	539	172	
899	7	19 26.45	36 56 55.7	180	132	
	7	26.51	53.8	178	148	
900	7½	19 26.62	56 17 59.4	553	58	
	7½	26.68	58.5	183†	37	
901	9	19 30.00	43 54 56.0	138	79	
902	9	19 31.27	31 46 14.7	545	126	
903	9	19 32.69	31 5 31.9	174	188	
904	8½	19 34.93	48 49 16.5	136	19	
905	9½	19 37.11	48 13 24.8	525	34	
906	8½	19 37.92	50 2 15.2	547	108	
907	7	19 38.14	53 16 17.5	553	49	
	6½	38.23	18.1	188†	14	
908	9	19 38.19	58 4 23.1	551	69	
909	9½	19 39.82	50 54 12.1	547	107	
910	8½	19 40.82	24 45 29.1	102	127	
911	6½	19 41.03	36 38 35.2	178	149	
912	9	19 44.83	48 43 48.7	136	20	
913	8	19 45.25	60 54 51.2	529	26	
914	9	19 45.58	34 0 31.1	543	159	
915	7	19 46.29	36 38 10.3	178	150	
916	8½	19 46.40	46 45 22.3	106	46	
917	9	19 46.63	54 16 6.6	188†	13	
918	7½	19 48.55	62 17 30.1	529	30	
919	7	19 49.24	59 57 32.4	551	68	
920	8½	19 50.15	49 31 30.6	547	109	
921	7	19 52.53	28 42 27.7	539	173	
	6½	52.53	26.6	146	83	
922	9	19 54.87	31 46 36.6	545	127	
923	8½	19 56.17	35 12 54.1	140	80	
924	8½	19 57.55	39 38 8.6	519	76	
925	8½	19 57.75	48 30 22.2	525	35	
926	8	20 0.88	63 52 7.6	555	21	
927	8½	20 5.34	31 46 3.3	164	78	
	8½	5.40	0.6	545	129	
928	9	20 7.08	40 8 46.5	519	78	
929	9½	20 7.95	31 47 46.0	545	130	
930	9	20 7.96	37 27 55.6	180	133	
931	9	20 8.19	66 29 33.0	555	19	
	9	8.52	32.9	186†	20	
932	9½	20 10.13	24 15 6.2	102	128	
933	9	20 12.57	38 0 11.2	180	135	
934	9½	20 13.13	48 46 49.6	136	23	
	9½	13.23	48.4	525	37	
935	8½	20 13.89	48 47 42.3	136	22	
	8½	13.99	41.7	525	36	
936	9½	20 13.90	28 37 49.4	539	174	
	9½	13.99	48.5	146	84	
937	9½	20 14.50	37 32 1.7	180	134	
938	8½	20 17.13	26 4 30.3	92	153	
	8	17.17	30.7	541	149	
939	8½	6 20 17.66	63 59 34.8	555	20	
940	8	6 20 18.31	25 55 13.7	541	148	
	8½	18.41	16.4	92	154	
941	8½	20 18.33	34 2 37.3	543	160	
942	9½	20 20.12	66 20 28.1	186†	22	
943	9	20 20.37	26 49 33.1	92	155	
944	7	20 21.68	45 53 8.0	106	49	
	7½	21.77	9.2	106	51	
945	7	20 22.89	69 43 36.9	549	72	
946	8½	20 25.06	38 12 14.5	180	136	
947	8½	20 25.67	72 4 26.2	143	52	
948	8	20 25.82	36 31 44.2	178	152	
949	9	20 26.25	57 31 34.9	553	59	
	9	26.34	36.0	551	70	
950	9½	20 28.61	33 41 47.6	543	161	
951	9	20 31.64	36 34 23.1	178	151	
952	7½	20 35.34	42 48 22.1	138	80	
	7	35.37	21.9	100	84	
953	9	20 35.55	30 48 40.5	545	131	
954	8½	20 35.75	61 32 17.7	529	29	
955	8½	20 39.27	62 19 6.1	529	31	
956	9½	20 40.14	42 41 30.5	100	83	
957	7	20 41.18	40 12 52.2	519	77	
958	6	20 42.09	56 18 10.0	183†	38	
	6	42.37	12.6	553	60	
959	8½	20 42.27	31 4 55.5	174	189	
960	8½	20 45.36	50 9 25.9	547	110	
961	9	20 45.78	38 58 8.0	180	138	
962	9½	20 47.11	24 10 41.0	102	129	
963	6½	20 48.14	52 6 44.8	554	51	
964	9	20 50.31	46 52 7.5	106	53	
	9	50.36	6.9	525	38	
965	7	20 51.02	29 37 56.6	539	175	
	7	51.15	55.7	174	190	
966	9	20 51.23	76 59 51.2	182†	45	
	8½	51.38	53.1	755	57	
967	8½	20 51.77	53 21 32.0	188†	15	
	8	51.84	31.4	554	52	
968	8	20 55.57	31 24 35.6	164	79	
	8	55.61	35.2	545	132	
969	9	20 56.77	43 20 19.8	138	81	
970	7	20 57.28	60 9 14.6	523	1	
	6½	57.45	16.1	551	73	
971	9½	21 1.64	24 34 51.4	102	130	
972	9	21 2.27	26 6 11.0	541	150	
973	7	21 2.47	34 59 29.3	140	81	
	6½	2.48	30.0	178	153	
974	9	21 4.81	38 43 34.5	180	137	
975	8	21 10.00	34 58 3.8	178	154	dpl. I. s.sq.
	8	10.18	4.5	140	82	
976	1	21 10.34	52 37 41.2	188†	16	*Canopus*
	1	10.62	40.1	554	53	
977	8½	21 11.90	40 30 2.1	519	79	
978	9½	21 13.32	25 3 11.1	102	132	
979	8½	21 18.13	35 37 35.7	178	156	
980	8½	21 21.49	26 13 29.1	541	151	
	8½	21.61	28.5	92	156	
981	8½	21 21.88	56 2 26.8	183†	39	
	8	21.91	27.6	553	61	
982	9½	21 21.94	25 3 10.0	102	131	
983	8	21 27.62	46 51 53.6	106	54	
	8½	27.87	55.3	525	39	
984	9	21 28.20	49 59 35.7	547	112	
985	9½	21 28.56	41 55 33.1	100	85	
986	8½	21 28.75	50 1 26.4	547	111	
987	9½	21 28.96	62 32 14.2	529	33	
988	9	21 29.39	26 44 37.6	541	155	s.pr.
989	7½	21 30.10	26 1 49.8	541	152	
	8½	30.10	51.5	92	157	
990	9	6 21 30.29	26 44 33.9	541	154	n.sq.

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
991	7½	6 21 31.09	35 15 53.7	178	155	
992	9	21 31.26	46 25 39.9	106	52	
993	9½	21 32.46	67 31 5.9	549	73	
994	9½	21 32.79	29 3 27.3	539	177	
	9½	32.91	26.1	174	191	
995	9	21 33.12	62 34 17.3	529	32	
996	9½	21 34.98	26 31 39.2	92	158	
997	9	21 37.91	58 6 44.7	551	71	dpl. I.
998	10	21 38.46	71 19 8.6	143	53	
999	8½	21 39.56	50 11 44.1	547	113	
1000	8	21 40.01	38 51 48.6	180	139	
1001	9	21 40.02	24 56 32.2	102	133	
1002	8½	21 40.28	33 23 4.5	543	166	
1003	8	21 42.75	73 17 59.5	143	50	
1004	9	21 45.27	52 46 41.9	188†	18	
1005	8½	21 46.23	26 41 13.5	92	159	
	8	46.25	12.5	541	153	
1006	9	21 46.27	28 45 10.5	539	176	
	9	46.29	10.2	146	85	
1007	7½	21 46.47	40 54 9.0	519	80	dpl. II. n. sq.
	7½	46.63	7.5	100	87	
1008	9½	21 50.59	33 45 19.9	543	162	
1009	8½	21 51.00	49 8 19.4	136	26	
1010	9	21 51.41	49 15 34.8	136	25	
1011	7	21 54.08	58 28 30.3	551	72	
1012	8½	21 57.59	37 0 52.6	180	140	
1013	9	22 0.85	33 45 3.7	543	163	
1014	7	22 2.91	52 44 7.7	554	54	
	7	3.04	6.9	188†	17	
1015	8	22 4.08	33 20 31.8	543	165	
	8½	4.19	33.0	140	83	
1016	9½	22 7.99	33 40 39.1	543	164	
1017	8½	22 8.71	31 47 49.8	164	80	
	8	8.76	51.0	545	135	
1018	6½	22 9.25	25 46 26.1	92	160	
1019	8½	22 9.65	49 31 42.5	525	41	
	8	9.77	42.2	136	24	
1020	9	22 11.21	30 24 42.8	174	192	
1021	8½	22 13.25	41 33 47.3	100	86	
1022	6½	22 13.31	63 36 55.7	186†	24	
	6½	13.39	57.1	555	24	
	6½	13.58	52.8	529	34	
1023	9	22 13.95	32 10 30.2	545	133	
1024	10	22 14.25	28 45 5.3	146	86	
1025	9	22 15.85	44 38 23.6	138	83	
1026	8	22 17.23	64 28 42.0	555	22	
1027	9	22 18.32	73 1 25.9	143	51	
1028	8½	22 18.43	39 36 48.6	519	82	dpl. II.
1029	8	22 19.92	25 39 44.0	92	161	
1030	9	22 21.01	28 23 23.3	539	178	
	9	21.12	24.7	146	87	
1031	9	22 22.30	44 33 8.4	138	82	
1032	9	22 24.10	30 24 16.4	174	193	
1033	8½	22 24.19	51 46 1.7	547	116	
1034	6	22 25.31	48 6 10.7	525	40	
1035	7½	22 26.05	32 5 17.6	164	81	
	7½	26.33	19.2	545	134	
1036	9	22 27.07	31 40 18.7	545	136	
1037	8½	22 27.48	52 8 15.0	547	114	
	8½	27.60	16.5	554	55	
1038	8½	22 28.82	26 0 4.1	541	157	
1039	8	22 29.65	37 9 28.2	180	141	
	8	29.67	28.3	178	157	
1040	9½	22 30.62	64 28 55.2	555	23	
1041	9	22 31.42	55 46 22.4	553	62	
	9½	31.78	24.8	183†	40	
1042	9½	22 31.65	23 43 19.0	102	135	s. pr.
1043	9	6 22 31.89	30 48 1.3	174	194	
1044	9	6 22 33.02	23 42 59.2	102	134	n. sq.
	8½	33.09	61.6	102	136	
1045	9	22 33.58	51 1 39.9	547	118	
1046	8½	22 33.69	66 14 30.5	186†	23	
1047	9	22 34.12	33 20 31.9	543	167	
1048	8½	22 34.67	59 1 1.3	523	2	
1049	9	22 34.87	30 43 23.2	174	195	
1050	9	22 36.85	37 2 41.9	180	143	
	9	37.08	42.0	178	159	
1051	9	22 38.42	33 12 3.4	543	168	
1052	9	22 38.90	25 45 47.3	92	162	
1053	8½	22 39.38	47 39 32.5	525	42	
1054	6	22 41.02	60 12 39.8	551	75	
	6	41.31	38.3	523	3	
1055	9	22 42.08	77 2 35.3	755	59	
1056	9	22 42.28	51 3 50.8	547	117	
1057	9	22 44.06	26 45 17.8	541	156	
	9	44.10	18.6	541	158	
1058	8½	22 44.89	33 2 8.8	543	170	
1059	7	22 45.33	55 39 19.3	183†	41	
	8	45.49	18.2	553	63	
1060	9	22 45.55	40 58 15.8	519	81	
	9	45.78	15.6	100	88	
1061	8½	22 47.98	32 32 34.1	164	82	
1062	8½	22 48.29	52 3 59.3	547	115	
	8½	48.33	59.1	554	56	
	8½	48.45	61.7	188†	21	
1063	8½	22 50.37	56 6 3.1	183†	43	
	8	50.37	1.6	553	65	
1064	9	22 51.86	33 3 39.0	543	169	
1065	9	22 51.98	49 10 31.6	136	28	
1066	6½	22 52.57	37 49 15.6	180	144	
1067	8	22 52.88	37 1 34.2	178	158	
	8½	52.88	33.8	180	142	
1068	8½	22 54.44	60 10 3.2	523	4	
	8½	54.68	1.0	551	74	
1069	9	22 57.93	49 3 51.0	136	27	
1070	7½	23 0.20	43 59 31.4	138	86	
1071	9½	23 1.93	44 31 43.6	138	84	
1072	9	23 3.40	31 51 2.1	545	137	
1073	9	23 4.45	29 58 56.8	539	179	
	8½	4.48	56.9	545	138	
	9	4.48	57.5	174	197	
1074	9½	23 6.57	27 3 55.4	541	159	
	8	6.62	56.3	92	163	
1075	8½	23 8.15	41 14 48.0	100	89	
1076	9	23 9.02	44 54 27.2	106	55	
1077	8	23 9.18	56 8 23.1	183†	44	
	8	9.40	24.6	553	66	
1078	9½	23 10.18	55 40 59.0	183†	42	
	9	10.23	59.3	553	64	
1079	8	23 10.56	39 33 52.3	519	83	
1080	9	23 12.09	75 9 37.9	755	60	
	9	12.61	38.5	182†	46	
	8½	12.70	40.4	527	3	
1081	8	23 16.16	44 2 49.7	138	87	
1082	9	23 16.51	56 45 55.6	183†	45	
1083	9	23 17.29	66 56 11.7	549	74	
1084	8	23 19.29	76 34 50.3	527	1	
	8½	19.36	48.5	755	58	
1085	8	23 20.38	52 34 44.9	554	58	
	8	20.41	44.5	188†	20	
1086	9	23 24.47	52 33 22.8	188†	19	
	8½	24.50	22.1	554	57	
1087	9½	23 26.90	30 30 11.2	174	196	
1088	9½	23 27.17	63 42 59.4	186†	25	
	9½	27.25	61.9	555	26	
1089	8½	6 23 30.63	32 46 5.0	543	173	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1090	5½	6 23 32.29	32 30 8.4	164	83	
	5	32.32	7.7	543	171	
1091	6½	23 33.81	63 21 9.3	186†	26	
	7	34.01	8.8	529	35	
	7	34.06	10.4	555	25	
1092	9½	23 33.98	53 25 25.2	554	60	
1093	9	23 34.72	58 32 45.0	523	5	
	8½	35.31	42.4	551	76	
1094	9½	23 35.12	27 43 20.5	146	88	
1095	8	23 40.73	44 5 34.2	138	88	
1096	9½	23 40.91	41 6 8.7	519	85	
1097	9	23 44.52	29 12 34.2	174	198	
1098	8½	23 45.37	62 45 52.1	529	36	
1099	8½	23 46.50	75 38 2.9	755	61	
	8½	46.93	1.9	182†	47	
	8	46.97	4.2	527	4	
1100	9	23 46.73	27 34 49.1	146	89	
1101	8	23 47.67	28 9 29.1	541	161	
	9	47.71	27.9	539	181	
1102	8½	23 48.02	47 44 40.7	525	43	
	8½	48.18	41.9	136	29	
1103	8	23 48.63	41 3 22.7	100	90	
	7½	48.67	24.3	519	84	
1104	6	23 49.12	69 54 53.2	549	75	
1105	9	23 49.33	29 1 5.2	174	199	
1106	8½	23 49.45	45 1 26.1	106	56	
	8½	49.75	25.7	138	85	
1107	8½	23 49.53	27 55 12.3	539	180	
	8½	49.53	10.5	146	90	
	8	49.54	9.1	541	160	
1108	9	23 57.61	23 54 28.9	102	137	
1109	7	24 0.22	32 17 29.9	164	84	
	6	0.28	26.6	543	172	
1110	8	24 0.67	65 36 16.2	186†	28	
	7½	0.85	16.5	555	29	
1111	9	24 1.68	30 18 28.3	545	139	
1112	8½	24 4.99	25 48 16.4	92	165	
1113	8½	24 6.14	32 45 29.4	543	174	
	8½	6.22	30.2	164	85	
1114	9½	24 7.64	44 57 10.3	106	57	
1115	8½	24 8.94	26 2 16.6	92	164	
1116	6½	24 9.29	63 45 14.3	186†	27	
	7	9.45	17.1	555	27	
1117	8½	24 9.46	35 10 54.8	140	84	
	9	9.67	56.3	178	161	
1118	9½	24 9.53	35 4 51.6	140	85	
	9½	9.70	52.8	178	160	
1119	8½	24 14.57	47 54 6.3	136	30	
	8½	14.71	7.0	525	44	
1120	8	24 14.72	53 30 18.3	554	59	
1121	8½	24 14.95	23 53 57.1	102	138	
1122	8½	24 16.94	26 25 8.9	541	164	
1123	8½	24 18.20	62 20 58.2	529	37	
1124	9	24 20.94	49 52 22.8	547	119	
1125	9½	24 21.26	37 3 10.3	178	162	
	9½	21.28	8.5	180	145	
1126	9½	24 24.00	29 6 34.0	174	200	
1127	9½	24 26.62	27 27 49.4	541	162	
1128	8½	24 26.71	52 51 39.6	554	61	
	8½	26.76	38.3	188†	22	
1129	9	24 27.66	45 32 20.3	106	58	
1130	9	24 31.42	47 58 41.6	136	31	
	8½	31.56	39.4	525	45	
1131	8	24 31.76	54 57 22.7	553	67	
	8	32.06	24.7	183†	46	
1132	8½	24 32.54	60 10 52.7	551	77	
1133	9	24 32.95	52 41 48.4	188†	23	
1134	9	24 33.24	45 16 28.0	106	59	
1135	8½	6 24 34.37	65 25 59.7	186†	29	
	8	34.57	58.8	555	28	
1136	8½	6 24 35.31	37 15 36.2	180	146	
1137	8½	24 35.95	65 42 2.3	555	30	
	8½	36.15	2.7	186†	30	
1138	8½	24 38.27	38 14 7.9	180	147	
1139	8	24 40.59	53 29 19.5	554	62	
1140	9	24 42.17	45 36 37.2	106	60	
1141	9½	24 42.27	61 32 49.1	529	38	
1142	6½	24 42.45	40 59 39.3	519	86	
	6½	42.55	39.4	100	91	
1143	8	24 43.59	70 52 22.3	549	77	
	8½	43.77	21.9	143	54	
1144	8	24 47.37	58 8 38.0	551	79	
1145	8½	24 53.08	27 20 18.5	541	163	
1146	8½	24 53.80	44 16 0.2	138	89	
1147	9	24 53.90	77 15 42.9	182†	49	
	9½	54.46	45.0	755	63	
1148	9	24 55.24	29 2 27.4	174	202	
	9	55.29	24.8	174	201	
	9½	55.35	23.7	146	91	
1149	8½	24 56.08	34 0 45.1	140	86	
	8½	56.08	44.8	543	175	
1150	9½	24 57.61	38 11 3.5	180	148	
1151	9	24 57.96	36 46 11.1	178	163	
1152	8½	25 2.89	25 47 60.1	92	166	n. pr.
	8	2.93	59.1	541	165	
1153	9	25 2.95	60 28 44.1	529	39	
1154	7½	25 3.38	40 17 25.2	519	87	
1155	8	25 3.68	25 48 18.7	541	166	s. sq.
	8½	3.69	18.3	92	167	
1156	6	25 5.42	57 55 23.6	523	6	
	6	5.60	21.1	551	78	
1157	8½	25 5.57	42 12 42.3	100	93	
1158	9	25 7.00	41 32 35.6	100	92	
1159	9	25 7.46	25 52 26.7	92	168	
	8½	7.55	25.4	541	167	
1160	9½	25 7.75	30 5 28.3	539	183	
1161	8	25 9.08	40 17 51.2	519	88	
1162	9	25 11.38	28 34 19.3	146	92	
	8½	11.61	18.7	539	182	
1163	8½	25 13.43	54 55 27.7	553	68	
1164	8	25 14.32	24 3 30.3	102	139	dpl. II. n. pr.
1165	8½	25 14.43	49 4 52.9	525	46	
	8½	14.61	53.1	136	32	
1166	8	25 16.81	31 5 26.5	164	86	
	8	16.91	25.7	545	140	
1167	8	25 17.37	42 35 31.2	100	94	
1168	8	25 17.83	70 6 45.9	549	76	
1169	9½	25 17.99	57 6 51.1	553	69	
1170	8	25 18.25	45 41 45.0	106	61	
1171	8½	25 18.89	44 32 34.2	138	90	
1172	8½	25 19.01	75 3 25.8	755	62	
	8½	19.61	24.8	182†	48	
	8½	19.68	25.4	143	57	
	8	20.13	26.9	527	2	
1173	9	25 19.91	36 6 7.0	178	164	
1174	9½	25 24.64	24 1 33.1	102	140	
1175	8	25 25.05	64 15 5.6	555	31	
1176	10	25 28.26	73 16 17.4	143	56	
1177	9	25 30.19	31 2 4.7	545	141	
1178	9½	25 31.11	72 17 31.2	143	55	
1179	8½	25 31.51	49 12 10.3	136	33	
	8	31.64	10.6	525	47	
1180	9	25 32.09	78 27 46.9	527	6	
1181	9	25 32.66	48 26 52.6	525	48	
1182	8½	25 34.44	49 59 54.6	547	121	
1183	8½	25 34.49	37 55 19.6	180	149	
1184	9½	25 35.08	51 13 31.1	547	120	
1185	8½	25 36.19	47 25 11.9	525	49	
1186	8	25 36.24	60 1 30.7	523	8	
1187	9	6 25 40.32	42 32 25.5	100	95	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Áustr.	Zona	No.	
		h m s	° ′ ″			
1188	9½	6 25 40.33	54 54 22.1	183†	47	
1189	7½	25 44.09	60 38 55.1	529	40	
	7½	44.29	53.6	523	7	
1190	8½	25 46.38	26 14 17.4	92	170	
	8	46.51	14.9	541	168	
1191	8	25 46.44	44 29 25.7	138	91	
1192	8½	25 47.01	43 50 6.4	138	92	
1193	9	25 47.45	33 36 53.6	140	87	
	9	47.58	54.0	543	176	
1194	9	25 47.67	28 59 31.2	174	203	
1195	9	25 48.36	29 56 28.9	545	142	
	9	48.55	28.6	174	204	
1196	6	25 49.29	27 41 1.8	146	94	
1197	9	25 50.43	25 20 43.8	92	169	
1198	9½	25 51.07	46 48 30.0	106	62	
1199	10	25 52.27	24 48 25.0	102	141	
1200	8	25 52.58	39 40 12.2	519	89	
1201	8½	25 54.37	60 11 48.3	523	9	
1202	9½	25 56.16	33 21 0.4	140	88	
1203	8½	25 59.29	58 3 51.3	551	80	
1204	9	25 59.71	42 27 26.4	100	96	
1205	9	26 0.70	23 47 23.5	102	143	
1206	10	26 1.14	35 23 44.5	178	165	
1207	7½	26 3.96	42 11 38.4	100	98	
1208	9	26 4.60	58 19 20.6	551	82	
1209	8½	26 5.57	57 15 11.9	553	70	
1210	9½	26 8.98	28 22 28.0	146	93	
1211	9	26 9.50	46 44 10.3	106	63	
1212	9½	26 13.53	26 25 41.1	541	170	
1213	9	26 14.28	32 25 1.3	164	87	
	8½	14.34	1.1	543	179	
1214	9	26 14.63	26 26 49.3	541	171	
1215	8½	26 18.56	42 21 10.6	100	97	
1216	7½	26 23.66	34 54 51.7	178	167	
1217	8	26 26.43	55 50 1.8	553	71	
	8½	26.50	2.9	183†	49	
1218	8	26 27.34	40 29 10.6	519	90	
1219	8½	26 30.12	58 16 14.5	551	81	
1220	9	26 30.39	32 8 53.6	545	143	
	9	30.55	52.2	543	177	
1221	9	26 31.99	24 57 26.2	102	142	
	9½	32.01	27.3	92	171	
1222	9	26 32.04	36 59 29.9	180	150	
1223	6	26 32.57	69 37 4.8	549	79	
1224	9½	26 35.03	23 54 16.5	102	144	
1225	8	26 36.67	35 23 17.1	178	168	
1226	9	26 37.24	39 0 44.3	519	93	
1227	6½	26 37.82	40 21 39.5	519	91	
1228	7	26 38.05	62 4 4.5	529	42	
1229	9	26 38.40	26 14 21.9	541	169	
1230	9	26 38.96	32 11 21.4	545	144	
	9	38.98	21.1	543	178	
1231	9	26 40.62	70 55 15.8	549	78	
1232	9	26 42.19	46 22 9.7	106	64	
1233	8½	26 43.79	50 8 56.6	547	124	n. pr.
1234	10	26 43.91	32 48 25.2	543	181	
1235	5½	26 44.85	50 9 6.7	547	123	s. sq.
1236	6½	26 46.25	35 10 16.2	140	92	
	6½	46.40	14.6	178	166	
1237	9½	26 46.84	27 56 33.4	541	173	
1238	7	26 46.95	32 46 50.6	543	180	
	7½	46.96	48.8	164	88	
1239	9	26 46.97	33 47 33.4	140	89	
1240	9	26 47.69	42 20 27.3	100	99	
1241	8½	26 47.93	34 32 58.4	140	90	
1242	9	26 48.04	51 57 9.0	547	122	
1243	8½	26 49.44	35 32 12.2	178	169	
1244	9½	26 50.22	66 0 36.2	186†	31	
1245	9	6 26 52.03	38 11 45.0	180	151	n. pr.
1246	8½	6 26 52.38	57 31 5.4	551	84	
	8½	52.44	4.6	553	72	
1247	9½	26 53.70	38 12 10.8	180	152	s. sq.
1248	9	26 55.77	47 14 27.0	136	34	
	9	55.87	27.7	525	50	
1249	8½	26 55.93	49 54 5.6	547	125	
1250	9	26 57.34	54 19 34.4	188†	24	
1251	9	26 57.36	58 19 33.1	551	83	
1252	8½	26 57.69	38 57 11.2	519	92	
1253	6½	26 59.45	40 49 42.1	519	94	
1254	8	27 1.23	55 25 33.1	183†	48	
1255	8	27 4.22	27 56 26.9	541	172	
	8½	4.31	27.0	146	95	
1256	8	27 5.03	29 13 7.8	174	205	
1257	9½	27 5.55	32 48 56.5	543	182	
1258	9½	27 6.42	54 34 38.9	554	63	
1259	9	27 9.69	55 53 28.5	183†	50	
1260	9½	27 12.59	53 38 38.1	554	64	
1261	9	27 13.11	34 24 40.2	140	91	
	9	13.20	40.5	140	93	
1262	8½	27 13.57	31 9 37.2	545	145	
	8½	13.68	36.8	174	206	
1263	8	27 15.19	48 9 33.0	136	35	
1264	7	27 15.36	36 51 10.3	180	153	
	7	15.51	11.1	178	170	
1265	7½	27 16.58	59 41 18.4	551	85	
1266	6	27 18.51	56 46 2.8	553	73	
	6	18.54	3.4	183†	51	
1267	7	27 19.10	43 37 45.5	138	93	
1268	9	27 20.51	54 18 54.9	188†	25	
1269	9	27 20.72	60 55 25.8	529	44	
1270	9	27 22.33	47 23 24.9	525	53	
	9	22.40	22.3	525	51	
1271	9	27 22.94	42 28 51.3	100	100	
1272	9½	27 23.83	60 26 59.7	523	10	
1273	7½	27 26.61	37 5 0.2	180	154	
	8	26.72	1.6	178	171	
1274	8½	27 31.97	47 10 7.5	106	66	
	8½	32.06	8.4	525	52	
	8½	32.18	8.3	136	36	
1275	8½	27 32.36	61 0 29.0	529	45	
1276	8½	27 34.27	52 47 15.4	554	65	
	8½	34.39	15.8	188†	26	
1277	8½	27 36.17	29 34 16.7	174	207	
1278	8	27 36.61	62 28 15.4	529	41	
1279	9	27 40.26	57 11 20.1	553	74	
1280	8	27 40.37	24 16 34.8	102	145	
1281	8½	27 41.19	51 43 51.5	547	128	
1282	9	27 45.49	44 47 19.8	138	94	
1283	8½	27 47.53	29 29 34.4	174	208	
1284	8	27 49.04	59 40 54.9	523	12	
	8	49.17	51.7	551	87	
1285	8½	27 50.51	37 22 44.4	180	156	
1286	8½	27 52.50	60 35 12.1	523	11	
1287	9	27 53.57	34 7 41.8	543	183	
1288	9½	27 53.67	56 39 49.0	183†	52	
	9½	54.07	51.0	553	75	
1289	8½	27 53.81	68 11 18.6	549	81	
1290	8	27 54.53	60 55 17.5	529	46	
1291	8	27 56.56	31 56 24.0	545	147	n. pr.
	8½	56.58	25.2	164	89	
	8½	56.63	24.4	543	185	
1292	7	27 58.37	31 56 17.4	164	90	s. sq.
	6½	58.41	18.3	545	146	
	6	58.55	20.1	543	186	
1293	9½	27 58.88	27 50 51.8	146	96	
	8½	58.92	51.2	541	174	
1294	9½	27 59.00	27 45 28.7	541	175	
1295	8½	6 27 59.17	26 6 37.6	92	172	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1296	9	6 27 59.24	46 22 11.4	106	65	
1297	9½	27 59.41	26 5 59.2	92	173	
1298	8½	27 59.87	66 40 14.9	555	32	
1299	8½	28 4.27	78 20 10.7	182†	50	
	8	4.92	13.3	191†	2	
	8	4.95	13.6	527	8	
	8	5.09	12.6	527	5	
1300	5	28 4.32	37 36 6.9	180	155	
1301	8	28 4.49	27 30 11.2	541	176	
	8	4.57	13.8	146	97	
1302	8	28 6.15	49 31 36.8	547	127	
	8	6.17	37.2	525	55	
1303	9½	28 6.83	41 5 42.6	519	95	
1304	9	28 6.98	24 22 38.5	102	146	
1305	8½	28 11.50	49 39 52.4	136	38	
	8½	11.54	55.5	547	126	
	8½	11.61	54.7	525	56	
1306	9	28 12.61	68 1 53.9	549	80	
1307	7	28 12.95	59 30 9.2	551	86	
	7	13.13	9.6	523	13	
1308	8½	28 18.94	24 7 40.8	102	147	
1309	8½	28 22.61	47 50 32.6	525	54	
	8	22.72	32.2	136	37	
1310	6	28 23.24	51 44 17.9	547	129	
1311	8	28 24.53	29 39 57.2	174	209	
1312	8½	28 28.27	43 25 42.6	138	95	
1313	8	28 28.71	42 28 1.7	100	103	
	8	28.73	1.8	100	101	
1314	9	28 31.97	33 10 47.3	543	184	
	9	32.05	48.6	140	94	
1315	8	28 35.70	65 33 30.9	555	33	
	8	35.75	28.8	186†	32	
1316	8	28 37.54	26 14 7.5	92	174	
1317	9	28 39.30	61 53 48.6	529	43	
1318	9	28 40.51	35 27 53.1	178	172	
1319	9½	28 40.74	24 24 52.3	102	148	
1320	8	28 40.94	51 49 61.2	547	130	
	8	41.00	59.7	188†	27	
	7½	41.11	60.5	554	66	
1321	8½	28 41.74	29 31 22.6	174	210	
1322	8	28 43.67	42 9 41.2	100	102	
1323	9½	28 43.69	40 52 18.5	519	97	
1324	8½	28 45.56	40 56 12.3	519	96	
1325	10	28 46.11	32 7 5.3	543	188	
1326	8½	28 46.47	61 10 27.4	529	48	
1327	7½	28 47.10	32 7 56.2	543	187	
	7½	47.22	54.4	164	91	
1328	8	28 47.54	78 59 29.5	182†	51	
	7½	48.02	36.1	191†	1	
	7½	48.07	32.0	527	7	
1329	10	28 49.01	73 47 5.1	143	59	
1330	9½	28 50.43	27 51 38.8	146	98	
1331	9	28 50.82	35 21 54.4	178	173	
1332	9	28 51.40	30 17 27.6	545	148	
1333	7½	28 53.39	44 7 37.4	138	96	
1334	9	28 55.88	56 50 52.3	553	76	
	9	55.89	52.7	183†	53	
1335	9	28 56.02	67 56 22.6	549	83	
1336	7½	28 56.22	37 43 40.0	180	157	
1337	8½	28 56.36	29 43 59.2	174	211	
1338	10	28 56.75	46 52 49.1	106	67	
1339	7	28 58.43	38 31 46.9	180	159	
1340	8½	28 59.74	40 32 33.6	519	99	
1341	8½	28 59.76	30 29 18.0	545	151	
1342	9	29 0.87	30 22 24.9	545	149	
1343	8½	29 1.72	25 55 57.3	92	175	
1344	9	29 6.64	37 59 50.0	180	158	
1345	8½	29 6.71	53 10 31.7	554	67	
1346	9	6 29 6.97	26 44 37.8	541	178	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1347	8	6 29 8.86	43 28 57.5	138	98	
1348	9	29 11.39	23 46 43.0	102	149	
1349	8½	29 12.05	51 37 15.2	547	131	
1350	8½	29 12.41	44 13 46.9	138	97	
1351	8½	29 12.80	32 56 35.3	164	92	
	8½	12.83	30.5	140	95	
1352	9½	29 12.88	51 33 31.2	547	132	
1353	8	29 16.14	30 14 26.6	545	150	
1354	7½	29 16.24	58 54 54.0	551	88	
	8	16.24	54.4	523	14	
1355	8½	29 16.34	27 13 43.8	541	177	
1356	9	29 16.50	41 2 9.5	100	104	
	8½	16.52	10.8	519	98	
1357	9½	29 17.06	25 44 28.4	92	176	
1358	9	29 17.94	29 31 48.5	174	213	n. pr.
1359	9	29 18.00	68 2 36.8	549	82	
1360	7½	29 18.29	29 31 57.5	174	212	s. sq.
1361	8	29 18.48	57 31 13.8	553	77	
	8	18.51	13.3	183†	54	
1362	8	29 19.10	48 2 42.1	136	40	
	8	19.14	43.3	525	58	
1363	9	29 21.00	29 38 29.3	174	214	
1364	9	29 21.52	52 24 60.2	554	68	
	9	21.57	56.2	188†	29	
1365	9	29 22.50	52 2 49.7	188†	28	
1366	9	29 23.66	74 9 27.4	143	58	
1367	9½	29 26.38	60 59 52.2	529	47	
1368	6	29 26.83	36 8 22.0	178	174	
1369	8	29 30.17	39 32 42.6	519	100	
1370	9	29 39.45	23 23 12.6	102	152	
	9	39.54	13.3	102	150	
1371	8	29 40.07	38 45 6.7	180	160	
1372	7	29 40.39	48 26 41.1	525	57	
	7	40.43	42.5	136	39	
1373	9	29 40.88	29 37 25.2	174	215	
1374	9½	29 41.67	58 32 8.4	551	90	
	9	41.91	7.1	523	15	
1375	6½	29 42.63	65 28 46.8	556	1	
	7	42.70	47.4	555	34	
	6½	42.81	46.6	186†	33	
1376	9	29 44.40	71 56 16.4	143	61	
1377	5	29 49.15	22 52 2.1	102	151	
1378	8½	29 49.53	44 58 1.1	138	100	
1379	9½	29 53.27	32 59 50.0	543	190	
1380	9	29 53.65	35 6 55.5	140	96	
1381	6½	29 56.11	61 47 13.7	529	50	
1382	6	29 57.28	32 37 6.2	543	189	
	6	57.30	6.6	164	93	
1383	9	29 57.75	31 43 23.6	545	152	
1384	10	29 57.92	73 8 34.6	143	60	
1385	8	30 0.57	43 45 51.7	138	99	
1386	8½	30 1.69	38 40 0.6	180	161	
1387	9	30 1.79	27 11 18.2	541	181	
	9½	1.82	19.8	146	99	
1388	9	30 2.51	40 59 16.0	519	101	
	9	2.68	14.1	100	105	
1389	7	30 5.96	29 59 37.8	174	216	
1390	6	30 6.54	58 39 35.8	551	89	
	6	6.67	35.1	523	16	
1391	9	30 8.51	37 2 32.8	180	162	
1392	8	30 8.87	47 24 4.1	136	42	
	8	9.05	5.5	525	60	
1393	8½	30 8.90	25 44 29.5	92	177	
1394	10	30 9.02	32 51 9.8	543	193	s. pr.
1395	8½	30 10.21	55 33 1.2	183†	55	
1396	8	30 10.26	65 55 57.1	556	2	
	8	10.37	57.6	186†	34	
	8	10.40	56.7	555	35	
1397	9½	6 30 10.96	32 51 7.9	543	192	n. sq.

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
1398	8½	6 30 10.97	24 36 24.9	102	153
1399	9½	30 15.52	51 31 25.4	547	133
1400	7½	30 15.55	41 59 58.2	100	103
1401	8	30 16.11	31 44 43.0	545	153
1402	9	30 16.40	25 56 49.9	541	179
1403	8½	30 16.41	32 12 30.7	164	94
1404	8	30 20.62	54 58 47.4	183†	57
1405	8½	30 23.94	52 10 6.9	547	134
	8½	24.07	7.3	554	69
	8½	24.14	7.4	188†	32
1406	8½	30 25.00	34 44 12.2	140	97
1407	9	30 26.11	32 54 9.1	543	191
1408	8½	30 26.35	31 33 59.6	545	155
1409	9	30 26.95	54 52 10.8	183†	58
1410	9½	30 27.62	46 24 11.0	106	68
1411	10	30 30.66	56 46 53.2	553	73
1412	8	30 32.30	34 57 0.5	140	98
	8	32.37	1.4	178	175
1413	8½	30 32.59	47 12 49.2	525	61
	9	32.75	50.5	136	43
1414	8½	30 34.20	25 56 27.8	92	178
	8	34.30	24.9	541	180
1415	9	30 35.82	60 30 11.7	529	49
1416	9	30 35.83	52 23 10.3	554	71
	8½	35.96	8.7	188†	30
1417	9	30 35.96	31 53 47.2	545	154
1418	6½	30 36.63	52 14 1.1	188†	31
	7	36.64	0.0	554	70
1419	9½	30 36.87	46 22 56.9	106	70
1420	9½	30 39.26	58 36 11.5	551	91
1421	9	30 39.46	48 3 11.0	136	41
	9	39.54	10.4	525	59
1422	8	30 40.66	31 41 38.8	545	156
1423	8½	30 43.57	42 10 40.8	100	107
1424	8	30 44.61	31 29 28.4	545	157
1425	9	30 50.77	67 30 37.7	549	84
1426	9	30 52.74	30 46 11.2	174	219
1427	9	30 52.79	24 1 22.8	102	154
1428	8½	30 53.03	37 0 26.0	180	163
1429	8½	30 53.93	42 17 41.3	100	108
1430	9	30 54.63	55 19 22.1	183†	56
1431	9½	30 54.77	30 20 51.7	174	218
1432	8	30 54.89	24 1 3.5	102	155
1433	9	30 55.09	67 1 47.6	555	36
	9	55.16	46.7	556	6
	9	55.30	46.6	186†	37
1434	8½	30 56.84	59 10 4.0	523	17
1435	8½	31 0.85	24 19 42.9	102	156
1436	9	31 2.41	26 22 37.5	541	183
1437	8	31 2.91	37 20 49.3	180	164
1438	8½	31 3.40	40 55 40.0	519	102
1439	8	31 3.65	54 1 11.5	554	73
1440	6	31 3.73	36 40 46.9	178	176
1441	7	31 3.74	66 46 36.9	556	3
	7½	3.78	36.5	555	37
	7½	4.07	37.7	186†	36
1442	9	31 3.94	76 54 55.8	527	9
1443	9	31 5.99	29 58 0.0	174	217
1444	9	31 6.11	54 29 45.2	553	79
	9	6.14	44.7	188†	83
	8½	6.24	46.1	554	72
1445	8½	31 9.55	46 24 39.1	106	69
1446	7½	31 10.57	36 9 22.4	178	178
1447	9	31 10.69	33 23 1.2	140	100
1448	8	31 10.74	27 30 39.3	146	100
	8	10.86	38.4	541	182
1449	8	31 12.76	68 51 20.6	549	88
1450	8½	31 13.47	26 1 17.7	92	179
1451	9	6 31 13.53	71 24 54.2	143	62
1452	9	6 31 13.68	45 5 11.3	138	102
1453	8	31 14.22	48 10 56.9	525	63
1454	9	31 14.39	52 9 30.7	547	135
1455	7½	31 15.32	37 45 19.4	180	165
1456	7½	31 16.26	28 43 59.1	146	101
1457	8½	31 17.30	45 12 21.6	138	101
1458	7	31 17.46	26 25 52.2	541	184
	8	17.67	52.4	92	180
1459	9½	31 18.91	29 17 40.4	174	220
1460	9	31 25.65	32 7 9.5	543	194
1461	7½	31 25.90	47 16 31.5	525	62
	8	25.96	31.7	136	44
1462	7½	31 30.69	61 43 52.0	529	51
1463	7	31 30.90	35 58 59.9	178	180
1464	8½	31 31.39	35 4 15.6	140	99
1465	8	31 31.64	67 29 10.5	549	85
1466	9	31 32.03	26 30 2.6	541	185
1467	9	31 33.26	42 11 20.0	100	109
1468	9	31 33.51	62 37 25.8	529	52
1469	9½	31 33.89	25 6 49.8	102	157
	9½	33.94	51.3	92	181
1470	9	31 37.01	51 34 47.8	547	136
1471	8½	31 42.39	50 0 42.6	547	138
1472	8½	31 45.63	51 7 5.4	547	137
1473	8	31 45.81	65 13 18.2	186†	38
	8	45.92	18.8	556	5
	8	46.08	21.4	555	39
1474	9½	31 45.95	54 50 3.3	183†	59
	9	45.99	6.0	553	80
1475	10	31 46.55	58 32 52.8	551	92
1476	7½	31 46.64	31 47 3.0	164	95
	7½	46.75	3.1	545	158
1477	9½	31 47.66	33 22 35.2	543	195
1478	8	31 47.98	40 57 11.1	519	103
1479	9½	31 48.51	65 47 2.5	186†	35
1480	10	31 49.36	54 53 23.9	183†	60
1481	7½	31 49.63	36 1 54.9	178	179
1482	9½	31 51.61	53 17 12.5	188†	36
1483	8	31 51.95	36 32 40.3	178	177
1484	9	31 52.51	35 56 9.6	178	181
1485	8	31 53.32	26 39 9.4	541	186
1486	9	31 54.11	48 2 2.6	525	65
	9	54.35	2.0	136	48
1487	8½	31 54.84	55 8 19.4	553	81
1488	8	31 55.28	65 16 23.8	186†	39
	8	55.42	23.4	556	4
	8½	55.63	25.5	555	38
1489	9	31 55.38	42 58 19.2	138	104
	9½	55.53	20.2	100	110
1490	8½	31 56.23	44 58 15.8	106	72
	8½	56.31	13.9	138	103
1491	9	31 57.07	56 59 7.4	183†	61
1492	7½	32 0.34	25 54 44.0	541	187
	8½	0.35	45.1	92	183
1493	8½	32 3.05	48 6 14.4	525	64
	8½	3.38	14.7	136	47
1494	9	32 3.32	34 52 54.8	140	102
1495	9½	32 3.60	42 57 5.8	100	111
1496	9	32 9.19	33 28 4.7	140	101
	9	9.32	4.9	543	196
1497	7½	32 9.46	53 10 50.2	554	74
	7½	9.49	51.1	188†	35
1498	7½	32 9.57	28 36 0.3	146	102
1499	5	32 13.34	52 52 28.9	554	75
	5	13.39	26.4	188†	34
1500	7½	32 15.21	47 19 47.2	136	46
1501	9½	32 15.55	38 58 3.9	180	166
1502	9½	32 15.96	36 8 41.7	178	183
1503	8	6 32 17.76	36 5 13.2	178	182

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1504	8	6 32 18.08	68 1 13.3	549	86	
1505	8	32 20.28	32 7 4.1	543	197	
	8	20.37	5.2	545	159	
	8	20.44	5.8	164	96	
1506	9½	32 20.30	40 8 24.4	519	104	
1507	8½	32 20.45	47 10 48.7	136	45	
1508	9½	32 23.51	42 31 37.6	100	113	
1509	8½	32 23.77	25 2 55.3	102	158	
	9	23.79	55.9	92	184	
	8½	23.86	55.1	92	182	
1510	8½	32 27.15	42 33 57.9	100	112	
1511	8½	32 28.94	47 53 1.7	525	66	
1512	7½	32 29.20	50 11 36.7	547	139	
1513	8½	32 29.30	42 1 36.9	100	114	
1514	8½	32 29.31	35 2 43.0	140	103	
1515	9½	32 30.23	55 2 0.8	553	82	
1516	9	32 32.04	60 29 14.2	551	93	
	9	32.33	12.6	523	18	
1517	8½	32 33.04	32 16 50.2	543	198	
1518	7½	32 33.53	48 10 31.3	525	67	dpl. III. n. sq.
	7½	33.74	32.3	136	49	
1519	9	32 34.31	24 39 7.5	102	159	
1520	8½	32 36.74	68 35 50.6	549	87	
1521	9½	32 36.90	44 22 4.7	138	107	
1522	9½	32 38.94	26 6 5.4	541	188	
1523	9	32 39.54	26 10 7.0	541	189	
1524	9	32 40.65	29 55 30.4	545	162	
	9	40.72	27.9	545	160	
	9½	40.74	28.9	174	221	
1525	9½	32 41.09	72 5 22.0	143	63	
1526	9	32 41.42	45 41 26.0	106	71	
1527	9½	32 42.73	38 12 14.4	180	168	
1528	8½	32 44.78	44 26 10.0	138	105	
1529	9	32 46.22	52 14 9.3	554	76	
1530	6½	32 47.48	38 2 31.6	180	167	
1531	8½	32 47.62	44 32 46.4	138	106	
1532	9	32 49.47	53 36 30.5	188†	37	
1533	9	32 52.31	56 42 55.8	553	84	
1534	7	32 53.32	41 27 4.8	100	115	
1535	9½	32 53.64	30 0 19.1	174	222	
	9½	53.80	21.1	545	163	
1536	6	32 54.—	36 53 6.9	178	185	
	6	54.06	9.1	535	1	
	6½	54.23	5.8	534	1	
1537	8½	32 54.45	62 43 38.7	529	53	
1538	9	32 56.55	23 32 38.7	102	160	
1539	9½	32 57.72	29 56 1.0	545	161	
	10	57.86	1.5	174	223	
1540	7½	33 3.39	41 8 39.3	100	116	
	7½	3.43	37.2	519	106	
1541	9	33 4.65	28 23 22.3	146	103	
1542	6	33 6.80	32 14 4.3	164	97	
	5½	6.81	2.7	543	199	
1543	9	33 6.95	30 31 34.5	174	224	
1544	8	33 8.05	57 9 39.2	553	83	
	8½	8.11	40.0	183†	62	
1545	9½	33 8.46	32 14 44.8	543	200	
1546	7	33 10.70	23 28 17.6	102	161	
1547	8	33 11.72	40 39 49.8	519	105	
1548	9½	33 12.27	23 25 43.4	102	162	
1549	7½	33 12.92	61 23 41.4	529	55	
1550	8½	33 14.28	26 0 42.6	541	190	
1551	9	33 14.48	37 22 51.9	535	2	
1552	8½	33 14.63	22 55 49.7	102	163	
1553	9½	33 18.83	44 51 38.6	106	73	
1554	9½	33 20.21	56 3 4.5	553	87	
1555	9	33 21.05	47 41 21.2	525	68	
1556	8½	33 21.79	37 50 30.2	535	3	
1557	7½	6 33 21.89	50 13 18.8	547	140	
1558	8½	6 33 23.98	49 6 53.8	525	69	
	8½	24.18	54.1	136	50	
1559	9	33 25.07	60 36 39.0	529	57	
	8½	25.16	36.8	523	19	
1560	8	33 26.52	36 0 11.8	178	184	
1561	9	33 27.45	75 59 59.7	191†	3	
1562	7½	33 27.59	38 31 14.0	180	169	
1563	9	33 27.76	63 48 58.9	555	7	
1564	9	33 28.88	24 51 27.7	92	185	
1565	9	33 29.31	60 16 1.2	551	94	
1566	9½	33 32.51	45 29 1.4	106	75	
1567	9	33 32.56	61 59 49.1	526	54	
1568	7½	33 34.48	56 7 24.6	553	85	
	8	34.67	24.8	183†	63	
1569	8½	33 35.86	58 58 58.0	551	95	
	8	35.98	55.3	523	20	
1570	9½	33 38.44	51 49 25.4	547	141	
1571	9½	33 39.90	26 14 24.7	541	191	
1572	8	33 43.21	51 19 26.0	559	1	
	8½	43.48	26.7	547	144	
1573	8	33 44.75	61 4 10.2	529	56	
1574	8	33 45.60	44 52 6.6	138	108	
	8½	45.62	6.9	106	74	
1575	8½	33 49.73	76 2 2.9	191†	4	
	9	50.21	3.2	527	12	
1576	8	33 51.71	27 37 54.6	146	104	
1577	9	33 53.61	34 2 53.9	140	104	
1578	9½	33 54.18	36 35 29.3	534	2	
1579	8½	33 54.51	45 29 12.2	106	76	
1580	4	33 56.—	43 5 15.0	100	120	
1581	9½	33 58.32	30 23 19.2	174	225	
1582	8½	33 58.72	42 44 19.6	100	119	
1583	7½	34 0.27	44 23 11.8	138	109	
1584	9	34 0.63	23 4 9.4	102	164	
1585	8½	34 0.87	50 22 30.9	547	145	
	8	0.98	29.1	559	2	
1586	7	34 2.12	77 11 50.8	527	10	
	7	2.24	51.3	191†	7	
1587	8	34 6.11	26 27 42.6	541	195	
1588	9	34 7.23	25 53 2.8	92	186	
1589	10	34 7.28	64 46 9.5	186†	41	
1590	9½	34 7.56	57 36 20.0	551	97	
1591	8½	34 8.54	23 42 7.6	102	166	
1592	9	34 9.11	26 15 12.4	541	192	
1593	9½	34 9.33	51 54 33.9	554	79	
	9½	9.39	35.3	188†	40	
	9	9.43	31.6	547	143	
1594	8	34 10.13	26 27 42.2	541	194	
	8½	10.22	43.5	92	187	
1595	9	34 13.89	32 43 14.6	543	203	
	8½	13.93	12.9	543	201	
1596	8½	34 14.41	44 6 55.4	138	111	
1597	8½	34 14.83	44 10 24.5	138	110	
1598	9	34 15.14	40 54 48.5	519	107	
	9	15.19	48.7	100	117	
1599	9	34 15.75	31 17 37.1	545	164	
1600	7½	34 16.90	52 14 18.9	188†	38	
	8	16.93	19.1	554	78	
1601	8½	34 17.11	37 26 16.8	535	6	
	8½	17.12	15.8	180	172	
1602	9½	34 19.17	51 55 25.0	188†	39	
	9½	19.29	22.9	554	77	
	9	19.31	23.4	547	142	
1603	7	34 21.41	57 26 3.3	551	98	
	7	21.59	2.7	523	21	
	7½	21.72	4.0	183†	65	
1604	7½	6 34 23.94	37 53 5.6	565	1	
	7	24.11	3.6	535	4	
	7	24.16	2.7	180	170	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1605	6½	6 34 24.33	23 35 1.2	102	165	
1606	8	34 25.52	26 18 4.0	541	193	
1607	9½	34 25.69	42 27 11.5	100	118	
1608	8½	34 27.53	54 50 28.0	553	90	
1609	7	34 27.55	49 25 9.7	525	70	
	7	27.60	8.0	136	51	
	7	27.87	11.5	559	3	
1610	9	34 30.43	34 10 48.8	543	202	
1611	9½	34 31.31	37 26 32.7	535	7	
1612	8½	34 31.58	28 19 41.3	146	105	
1613	8	34 33.11	31 43 25.2	545	165	
	8½	33.25	24.5	164	98	
1614	8½	34 33.79	35 1 30.8	140	105	
	8	34.02	31.8	532	1	
1615	9½	34 34.63	30 55 29.6	174	226	
1616	8	34 35.52	26 33 61.2	541	196	
	8½	35.53	59.4	92	188	
1617	8½	34 36.37	64 54 27.5	555	40	
	8½	36.42	26.6	556	8	
	8½	36.51	27.0	186†	40	
	8½	36.66	26.4	555	42	
1618	8½	34 37.53	26 31 40.4	541	197	
1619	8½	34 37.86	45 10 4.4	106	77	
1620	9½	34 39.38	30 35 24.4	174	229	
	9½	39.43	18.8	174	227	
1621	8½	34 40.53	34 54 4.9	140	106	
	8½	40.67	6.4	532	2	
1622	9	34 41.20	37 38 35.9	535	5	
1623	9½	34 42.01	56 8 60.2	183†	64	
	9	42.05	59.1	553	86	
1624	8½	34 42.16	32 48 39.0	543	204	
1625	9½	34 43.47	72 4 35.0	143	64	
1626	8½	34 43.93	58 18 4.9	551	96	
1627	8	34 43.95	23 35 27.9	102	167	
1628	9	34 48.27	26 4 41.0	92	190	
1629	8	34 48.40	37 25 15.1	180	171	
	8	48.45	16.8	535	9	
1630	8½	34 48.48	23 31 52.9	102	168	
1631	9	34 48.72	55 19 15.2	553	91	
1632	8	34 49.52	35 25 14.3	532	4	
1633	9	34 50.55	47 3 19.4	525	71	
1634	9½	34 50.58	76 40 56.3	191†	6	
	9½	51.16	59.7	527	13	
1635	8½	34 52.06	40 28 27.6	519	108	
1636	8	34 52.19	45 15 48.9	106	78	
1637	8½	34 52.85	54 52 15.2	553	89	
1638	8	34 52.98	26 40 29.2	541	198	
	8½	53.10	28.3	92	189	
1639	6	34 55.40	30 20 62.5	545	166	
	6	55.59	59.7	174	228	
1640	9	34 56.04	47 30 9.9	136	52	
1641	9	34 56.16	54 22 37.4	553	88	
1642	8½	34 56.31	23 43 10.5	102	169	
1643	9	34 57.97	35 53 45.8	178	187	
1644	9	34 59.26	47 15 36.6	525	72	
1645	9½	34 59.63	61 29 23.2	529	59	
1646	8½	34 59.78	37 0 58.9	534	3	
	8½	59.85	55.9	178	186	
1647	8	35 1.97	43 42 47.0	138	112	
1648	9	35 2.87	34 46 40.3	532	3	
1649	9½	35 2.99	53 9 20.3	554	80	
1650	8	35 4.78	44 57 11.4	106	79	dpl. IV. s. sq.
1651	9	35 5.18	27 40 32.7	146	106	
	9	5.21	32.7	146	107	
1652	9½	35 6.85	60 34 4.4	529	58	
1653	9	35 8.10	26 38 15.4	541	199	
1654	9½	35 8.22	35 48 54.7	178	188	
1655	7	6 35 10.27	55 14 3.2	553	92	
	7	10.46	5.4	183†	67	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1656	9	6 35 10.39	23 44 35.1	102	170	
1657	9	35 10.39	47 37 18.9	136	53	
	9	10.40	21.0	525	74	
1658	8½	35 10.93	37 31 8.7	180	173	
	8½	11.04	9.1	535	8	
1659	9	35 12.88	50 17 2.3	547	146	
1660	8	35 16.98	48 6 22.4	136	55	n. pr.
1661	5	35 17.63	48 6 32.5	525	75	s. sq.
	6	17.84	33.3	136	54	
1662	9½	35 19.28	30 26 11.9	174	230	dpl. IV.
1663	8	35 21.17	32 46 40.0	164	99	
	8	21.20	38.7	543	206	
1664	8½	35 21.60	64 46 27.8	186†	42	
	8	21.65	28.2	556	9	
	8	21.78	28.5	555	41	
1665	9	35 21.63	32 45 37.8	543	205	
1666	8	35 23.71	76 6 6.9	527	11	
	8	24.13	8.8	191†	5	
1667	9½	35 24.04	32 38 8.9	543	207	
1668	9½	35 24.07	47 11 49.6	525	73	
1669	8½	35 25.90	26 11 41.9	92	191	
1670	9	35 27.24	37 36 22.0	180	174	
	9	27.30	24.1	535	10	
1671	8½	35 27.81	39 56 3.3	519	110	
1672	8	35 28.50	58 4 22.3	551	99	
	8	28.54	23.1	523	22	
1673	8½	35 29.46	67 7 5.7	556	10	
	8½	29.90	5.6	549	89	
1674	8½	35 31.58	57 19 35.4	553	93	
	8½	31.80	35.0	183†	66	
1675	9	35 35.84	68 27 14.0	549	91	
1676	7½	35 36.98	52 49 14.8	188†	41	
	7½	37.12	14.4	554	81	
1677	9½	35 37.47	38 8 47.3	180	176	
1678	7½	35 38.67	43 18 47.7	138	113	
1679	8½	35 40.57	24 45 33.7	102	171	
1680	7	35 41.37	38 2 35.8	565	2	
	7	41.48	35.3	180	175	
1681	9	35 41.74	39 17 45.8	519	111	
1682	9½	35 42.49	40 12 37.0	519	109	
1683	8	35 42.74	36 50 26.7	535	11	
	8	42.78	23.9	534	4	
1684	10	35 44.74	72 13 7.3	143	65	
1685	9	35 45.41	62 14 25.3	529	62	
1686	9	35 46.24	69 46 48.2	549	92	
1687	8	35 46.25	53 32 24.8	554	82	
1688	8½	35 47.23	43 14 47.9	138	114	
1689	9	35 48.55	24 59 5.0	92	193	
1690	9	35 50.54	33 15 43.7	140	107	
1691	8½	35 54.40	61 26 10.3	529	60	
1692	9	35 55.73	39 21 4.3	519	112	
1693	8½	35 56.23	47 50 55.1	136	56	
1694	9	35 56.99	24 41 46.1	102	172	
1695	9	35 57.39	39 11 49.1	519	113	
	9½	57.50	49.1	180	177	
	9	57.52	50.7	565	3	
1696	8½	35 57.81	64 35 20.3	556	11	
	8½	57.88	19.7	186†	43	
1697	7½	35 58.36	43 17 18.7	138	115	
1698	9	35 58.54	25 48 3.9	92	192	
1699	9½	35 58.61	67 40 16.4	549	90	
1700	8½	36 1.32	34 5 53.7	543	209	
	8½	1.39	51.5	140	108	
1701	9	36 2.67	73 38 48.7	143	67	
1702	8	36 4.11	36 1 8.3	534	5	
	8	4.17	6.7	178	189	
	8	4.25	6.4	532	6	
1703	9	36 4.47	26 1 54.4	541	200	
1704	9	6 36 4.80	33 40 58.1	543	210	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1705	8	6 36 5.87	32 39 43.9	164	100	
	8	6.08	43.8	543	208	
1706	8½	36 6.28	45 26 44.3	106	80	
1707	9½	36 6.69	52 59 37.3	188†	42	
1708	8½	36 8.24	50 59 47.7	559	5	
	8½	8.43	49.9	547	148	
1709	9	36 9.09	49 34 14.5	547	147	
1710	9	36 9.12	25 7 41.7	102	173	
1711	9	36 10.93	35 53 22.9	178	190	
	9	10.94	25.5	534	6	
	9	10.96	22.9	532	5	
1712	9	36 11.16	46 31 43.2	106	82	
1713	8½	36 12.91	30 26 7.5	545	167	
	8½	12.92	9.5	174	233	
1714	7½	36 13.95	78 48 37.0	191†	9	
	7½	14.16	31.4	527	14	
1715	8	36 14.03	50 49 6.9	547	149	
	8	14.10	7.5	559	4	
1716	8½	36 15.45	72 9 46.6	143	66	
1717	8	36 18.00	24 15 55.7	102	174	
1718	8½	36 19.30	59 39 37.9	551	101	
1719	7½	36 21.20	30 31 41.9	545	169	
	7½	21.26	42.1	174	232	
1720	9½	36 21.49	56 43 43.8	553	94	
1721	9	36 22.83	30 23 41.6	545	168	
	9½	23.02	41.0	174	231	
1722	9½	36 25.75	60 0 23.2	551	103	
1723	8	36 27.55	27 28 8.6	541	201	
	8	27.66	9.0	146	108	
1724	8½	36 27.63	43 46 11.9	138	117	
1725	9	36 28.65	52 4 12.7	554	84	
	9	28.98	16.3	559	6	
1726	8½	36 29.03	43 34 38.3	138	116	
1727	8	36 29.19	58 13 35.0	551	100	
1728	9	36 31.47	55 11 6.3	183†	68	
1729	9½	36 31.75	27 23 44.5	146	109	
1730	9	36 32.57	36 21 27.9	534	7	
1731	8½	36 34.77	40 21 33.3	519	114	
1732	8	36 39.65	34 23 25.6	140	109	
1733	9½	36 39.95	41 20 13.2	100	121	
1734	8	36 40.06	27 45 40.5	541	204	
1735	7	36 40.18	61 25 20.6	529	61	
1736	8½	36 40.51	38 12 34.6	565	4	
	9	40.72	34.1	180	179	
1737	8½	36 43.41	48 25 37.6	136	57	
	8½	43.42	35.9	525	76	
1738	9½	36 45.74	30 28 44.9	174	234	
1739	9	36 45.87	64 55 52.8	556	12	
	8½	45.95	54.6	186†	44	
1740	8	36 46.21	27 37 20.9	541	203	
	9½	46.53	24.2	146	111	
1741	9	36 47.15	79 42 2.9	191†	10	
1742	9	36 47.20	36 50 60.9	535	12	
	9	47.29	59.2	534	8	
1743	7	36 47.40	27 30 52.2	541	202	
	8	47.48	54.3	146	110	
1744	9	36 48.26	31 29 3.6	545	171	
1745	9	36 48.56	53 35 39.1	554	83	
1746	8½	36 49.30	47 10 47.9	106	83	
1747	9	36 49.89	31 38 45.6	545	172	
1748	9	36 50.01	50 57 3.9	547	150	
1749	7½	36 50.06	52 42 59.6	188†	44	
	7½	50.14	60.5	554	85	
1750	9	36 53.51	41 52 39.4	100	123	
	9	53.53	39.1	100	122	
1751	9	36 54.98	69 59 16.8	549	93	
1752	8½	36 56.91	24 7 17.7	102	175	
1753	8½	6 36 58.04	32 10 14.0	568	1	
	8½	58.17	11.8	545	170	
	8½	58.17	12.5	543	213	
1754	9	6 36 58.14	30 35 11.6	174	235	
1755	9½	36 59.42	78 42 52.5	191†	8	
	9½	60.00	52.8	527	15	
1756	7½	37 0.76	53 20 5.3	554	86	
	7½	0.79	5.4	188†	43	
1757	7	37 1.27	60 4 6.8	523	23	
	7½	1.29	6.4	551	102	
1758	8½	37 3.05	37 48 28.2	535	13	
	8½	3.17	32.0	565	5	
1759	8½	37 3.20	48 29 0.4	525	77	
1760	9	37 5.95	33 15 21.2	140	111	
	9	6.15	18.6	543	211	
1761	8½	37 6.89	44 17 41.7	138	118	
1762	9	37 6.99	46 15 39.9	106	81	
1763	8½	37 7.41	33 20 59.9	543	212	
	8½	7.44	61.6	140	110	
1764	8½	37 7.93	38 47 54.9	565	6	
	8½	8.08	53.6	180	178	
1765	6½	37 9.79	40 13 53.5	519	116	
1766	9	37 11.29	35 26 6.2	532	7	
1767	8½	37 13.25	24 6 48.8	102	176	
1768	8	37 13.49	40 10 25.3	519	115	
1769	9	37 15.16	25 51 45.3	541	205	
1770	9½	37 18.41	30 34 57.7	174	236	
1771	8½	37 21.16	25 33 54.6	92	194	
1772	9	37 21.31	48 28 57.9	136	58	
1773	8½	37 22.56	29 26 48.9	538	1	
1774	6½	37 23.60	47 30 14.9	136	60	
	7	23.81	10.6	525	78	
1775	9	37 25.31	60 0 32.8	551	104	
	9	25.58	34.0	523	24	
1776	7	37 25.83	47 33 21.5	525	79	
	7	25.86	22.8	136	61	
1777	8	37 27.07	24 21 18.1	102	177	
1778	9	37 28.44	40 30 46.3	519	117	
1779	8½	37 31.80	34 50 14.5	532	9	
	9	31.85	13.0	178	191	
1780	8½	37 34.42	35 28 47.3	532	8	
1781	8½	37 34.57	60 53 49.4	529	66	
1782	8	37 36.29	31 32 44.0	545	173	
	8	36.30	43.6	164	101	
	7½	36.31	47.2	568	2	
1783	8½	37 36.50	44 59 37.2	138	119	
1784	9	37 40.51	45 9 21.4	138	120	
1785	9	37 43.04	63 26 3.0	529	63	
1786	9	37 44.68	66 15 45.0	186†	45	
1787	8½	37 47.25	51 32 45.2	559	7	
	8½	47.39	43.4	547	151	
1788	8	37 49.20	60 51 2.7	529	65	
1789	8½	37 49.55	37 53 1.1	565	7	dpl. I.
	8½	49.62	0.3	180	180	
	8	49.89	0.4	535	14	
1790	8½	37 49.61	26 0 28.9	152	1	
	8½	49.70	30.2	541	206	
	9	49.73	30.7	92	195	
1791	9	37 50.10	31 28 13.6	568	4	
	9	50.24	9.6	545	175	
1792	9	37 51.65	54 21 3.3	554	87	
	8½	51.78	1.9	553	96	
	9	51.89	1.6	183†	69	
1793	9	37 52.09	35 54 27.6	534	9	
1794	9	37 53.20	56 23 25.6	553	95	
1795	9	37 53.63	48 44 44.0	136	59	
1796	9½	37 54.87	32 43 59.2	543	216	
1797	9½	37 55.40	40 27 31.1	519	118	
1798	9	37 58.13	34 22 2.0	140	112	
1799	8½	37 58.15	63 21 9.5	529	64	
1800	9	37 58.42	30 7 32.3	174	239	
1801	8½	37 59.02	29 29 19.2	538	2	
1802	8½	6 38 0.29	34 14 22.3	140	113	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1803	9	6 38 0.51	38 5 18.9	535	15	
1804	8	38 0.86	60 17 7.2	551	105	
	7½	0.97	8.7	523	25	
	7½	1.11	7.4	529	67	
1805	8½	38 1.69	38 16 39.3	565	9	pr.
	8½	1.82	36.8	180	181	
1806	8½	38 2.01	30 46 52.5	566	1	
	8½	2.05	51.2	174	237	
	8½	2.14	52.4	545	176	
1807	8½	38 2.10	24 18 57.5	102	178	
1808	7½	38 2.90	38 16 39.3	565	8	sq.
	7½	2.95	38.0	180	182	
1809	9	38 3.70	31 29 8.3	568	3	
	9	3.73	3.1	545	174	
1810	8½	38 4.19	28 4 2.6	156	1	
1811	7½	38 4.62	32 35 27.3	164	102	
	7	4.62	26.2	543	214	
	7	4.76	25.5	570	1	
1812	8½	38 5.09	25 44 26.2	149	1	
1813	8	38 7.62	26 0 18.2	149	2	
	8	7.79	15.9	152	2	
	8½	7.80	16.1	92	196	
	8	7.94	13.5	541	207	
1814	8½	38 10.01	36 6 0.0	178	193	
	8½	10.09	1.0	534	10	
	8½	10.20	0.9	532	11	
1815	7½	38 11.94	65 58 17.0	556	13	
	7½	12.11	16.2	186†	46	
1816	7	38 13.76	29 6 50.8	159	1	
	7½	13.85	50.6	146	112	
	7	13.91	52.8	538	5	
1817	7½	38 14.22	28 13 44.3	156	2	
	7½	14.47	43.8	146	114	
1818	10	38 14.48	42 34 19.6	100	124	
1819	9½	38 15.40	26 5 54.5	541	209	
1820	9	38 15.82	41 39 5.7	100	126	
1821	8½	38 17.37	26 20 48.1	92	198	
	8	17.39	49.0	152	4	
1822	9	38 18.05	36 7 11.1	534	11	
	8½	18.18	10.5	532	10	
	9	18.23	10.8	178	192	
1823	8½	38 18.33	28 59 53.0	159	2	
	8½	18.36	52.5	538	4	
	9½	18.37	51.2	146	113	
1824	8½	38 18.52	36 30 30.2	178	194	
	8	18.70	30.2	534	12	
1825	9	38 20.47	30 8 58.5	174	240	
1826	10	38 21.02	30 47 17.1	174	238	
	9½	21.10	18.9	566	2	
1827	8	38 22.58	41 36 23.3	100	127	
1828	9	38 22.96	32 52 16.4	543	217	
	9	23.05	15.8	543	215	
1829	9½	38 23.67	60 19 20.9	551	106	
	9	23.96	23.8	529	68	
1830	9½	38 23.68	54 49 4.3	553	97	
1831	8	38 28.34	26 1 57.3	541	208	
	8½	28.40	57.4	92	197	
	8	28.45	56.9	149	3	
	8½	28.63	58.0	152	3	
1832	9	38 28.93	50 20 27.9	547	152	
1833	9	38 30.67	52 50 17.0	188†	45	
1834	8	38 31.37	52 34 32.5	554	88	
	8½	31.62	31.9	188†	46	
1835	8	38 32.37	59 0 15.5	551	109	
1836	9½	38 34.39	72 40 21.8	143	69	
1837	8	38 34.57	42 26 58.7	100	125	
1838	9	38 34.87	59 4 42.9	551	110	
1839	9	38 37.22	46 21 6.4	106	84	
1840	7	38 37.25	41 41 31.9	100	128	
1841	8½	6 38 38.71	50 22 2.0	547	153	
1842	9½	6 38 39.10	24 53 26.8	133	1	
1843	9	38 39.25	50 52 51.2	559	8	
1844	9½	38 40.02	29 30 40.1	538	3	
1845	9	38 40.07	32 45 56.6	543	218	
	9	40.37	55.7	570	2	
1846	8	38 40.58	70 48 12.0	549	94	
	8½	41.00	13.1	143	71	
1847	8	38 43.72	37 14 47.8	535	16	
1848	8½	38 45.84	25 38 49.0	92	199	
	8	45.93	47.4	149	4	
1849	9	38 48.04	38 50 27.5	180	183	
1850	9	38 48.11	40 44 0.6	519	119	
1851	7½	38 48.20	25 24 36.3	92	200	
	7½	48.26	39.0	149	5	
1852	9½	38 48.23	30 10 52.8	566	3	
1853	9½	38 48.91	75 6 27.8	143	68	
	9	49.69	28.8	527	17	
1854	9	38 50.36	31 39 5.0	568	6	dpl. III. s. pr.
	9	50.46	2.3	568	5	
1855	9½	38 50.39	47 48 7.0	525	80	
1856	8½	38 52.52	35 30 26.7	178	195	
	9	52.68	26.0	532	12	
1857	9½	38 52.81	30 51 23.5	545	177	
1858	9½	38 53.61	45 13 58.4	106	86	
1859	9	38 54.12	23 17 41.6	122	1	
	9	54.18	41.5	102	179	
1860	9½	38 54.76	46 19 23.0	106	85	
1861	7½	38 55.04	27 27 60.0	118	1	
	7½	55.10	56.8	541	210	
	7½	55.40	57.8	156	3	
1862	9½	38 55.84	64 20 4.5	186†	48	
1863	9½	38 59.60	46 54 34.7	106	88	
1864	9	39 0.27	60 28 34.4	551	108	
	9	0.36	35.2	529	69	
1865	9	39 0.31	33 33 32.6	140	114	
1866	9	39 0.48	23 14 48.3	102	180	
	9½	0.52	46.5	122	2	
1867	7½	39 1.44	70 29 9.9	549	96	
1868	8½	39 5.60	60 32 54.2	551	107	
	8½	5.61	54.1	529	70	
1869	9	39 8.94	23 4 52.4	122	3	
	8½	9.01	51.4	122	4	
	9	9.05	52.0	102	181	
1870	9	39 9.46	43 13 59.3	138	122	
	9½	9.52	58.9	138	121	
1871	8	39 9.47	51 38 13.0	559	9	
	8	9.51	13.9	547	154	
1872	9½	39 9.80	45 15 12.2	106	87	
1873	6½	39 13.05	39 4 4.0	565	10	
	7	13.06	3.8	180	184	
1874	8½	39 13.91	65 9 19.4	186†	47	
	8½	14.01	21.4	186†	50	
	8½	14.18	20.8	556	14	
1875	9	39 15.21	58 6 49.9	551	111	
	8½	15.44	52.0	523	26	
1876	8½	39 16.96	55 52 39.4	183†	70	
	8½	16.97	38.7	553	98	
1877	8	39 18.54	32 18 19.1	164	103	
1878	8	39 19.48	40 47 2.1	519	120	
1879	7½	39 20.38	37 38 56.9	535	17	
	8	20.63	56.0	180	187	
1880	8½	39 20.41	32 37 30.1	543	219	
	8	20.51	31.9	570	3	
1881	9	39 21.23	36 24 55.1	534	13	
1882	9	39 21.62	47 48 15.6	525	81	
1883	8	39 23.05	31 58 14.8	568	8	
1884	8½	39 23.52	39 14 50.0	180	185	
1885	9	39 25.64	70 49 32.2	143	70	
	8½	25.85	33.3	549	95	
1886	9	6 39 25.96	23 57 27.1	133	2	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1887	9	6 39 26.93	34 6 49.0	140	115	
	9	27.02	51.0	543	221	
1888	9	39 28.80	41 4 0.8	519	122	
1889	8½	39 33.34	30 2 35.1	566	4	
	8½	33.38	33.9	545	178	
	8½	33.41	35.0	538	6	
	9	33.47	34.5	174	241	
	9	33.53	35.6	174	242	
1890	9½	39 33.96	27 26 33.9	541	213	
1891	9	39 34.46	43 54 6.2	138	124	
1892	9	39 36.71	33 59 52.7	543	222	
	9	36.88	51.1	140	116	
1893	9½	39 37.16	23 57 25.5	133	3	
1894	8½	39 37.68	32 11 2.3	568	7	dpl. sq.
1895	9	39 38.86	46 59 51.3	106	89	
1896	8½	39 39.08	50 19 41.0	547	156	
1897	9	39 40.19	37 30 36.8	535	18	
1898	5½	39 43.02	30 56 35.7	174	244	
	6	43.07	38.5	164	104	
	6	43.18	34.9	545	179	
	6	43.20	36.4	566	6	
1899	7	39 43.49	50 19 36.9	547	155	
	7	43.64	37.0	559	11	
1901	9	39 43.95	48 23 15.8	525	84	
1902	9	39 47.31	32 38 28.5	543	220	
	9	47.32	28.5	570	4	
1903	9	39 47.36	30 53 38.1	566	7	
	9½	47.48	36.6	545	180	
1904	8	39 48.30	43 55 46.2	138	123	
1905	9½	39 49.98	40 52 6.7	100	130	
	9	50.16	7.0	519	121	
	9	50.18	6.7	519	123	
1906	9	39 50.93	27 21 3.0	541	212	
1907	9½	39 51.39	30 55 43.6	545	181	
	9½	51.64	41.8	566	5	
1908	9½	39 51.57	46 49 29.4	106	90	
1909	7	39 52.65	27 13 25.8	146	115	
	7	52.71	26.4	156	4	
	6½	52.84	25.0	541	211	
1910	8½	39 52.91	48 44 22.5	136	62	
1911	9	39 52.97	28 56 41.7	118	2	
	8½	53.06	42.6	538	7	
1912	9	39 53.09	25 52 58.1	561	2	
1913	8	39 53.47	48 5 52.9	525	82	
1914	8½	39 53.86	28 46 6.1	118	3	
	8½	54.12	5.8	159	3	
1915	8½	39 55.89	75 42 36.8	191†	13	
	9	55.89	38.1	527	19	
1916	9½	39 56.53	28 45 11.8	118	4	
1917	8½	39 59.37	27 8 18.7	156	5	
	8	59.50	14.9	561	1	
	9	59.55	18.1	146	116	
	9	59.58	16.9	152	5	
1918	8½	39 59.86	36 11 2.9	534	14	
	8½	59.96	1.3	178	196	
	9	59.98	2.8	178	198	
	8	60.07	2.4	532	13	
1919	9	40 1.02	25 42 27.7	149	6	
	9	1.27	30.5	92	202	
1920	8½	40 1.18	24 6 5.4	102	185	
	9	1.36	6.5	133	4	
1921	8½	40 1.51	48 19 32.1	525	83	
	8½	1.66	32.7	136	65	
1922	8	40 1.78	60 34 2.0	523	27	
	8	1.85	0.0	529	71	
1923	10	40 2.61	36 53 48.8	535	19	
1924	8½	40 4.50	33 39 27.8	140	117	
1925	9½	6 40 5.90	24 3 31.0	133	6	
1926	9	6 40 8.64	51 40 25.5	559	10	
1927	9½	40 9.10	50 18 52.6	547	157	
1928	8½	40 9.13	25 30 40.6	92	201	
	8	9.31	41.6	149	7	
1929	9½	40 9.22	48 30 27.3	136	64	
1930	8½	40 9.76	42 35 39.1	100	129	
1931	6½	40 10.51	23 20 2.9	122	5	
	6½	10.58	2.2	102	183	
1932	7	40 10.90	77 34 24.4	191†	11	
	7	10.95	24.4	527	16	
1933	8½	40 12.17	37 56 15.1	565	11	
	8½	12.22	12.0	180	186	
1934	9	40 12.54	36 19 35.5	178	197	
	9	12.61	36.4	534	15	
1935	8½	40 13.59	37 40 28.0	180	188	dpl. I.
	8½	13.66	29.8	535	20	
1936	9	40 13.71	51 57 11.2	554	89	
	8½	13.71	10.7	188†	47	
1937	8½	40 14.82	75 40 42.9	191†	14	
	9	15.10	45.0	527	20	
1938	6½	40 15.45	30 27 25.9	174	243	
	7	15.46	27.6	545	182	
1939	8½	40 17.55	23 27 3.9	122	6	
	8	17.67	1.9	102	182	
1940	9½	40 20.71	58 3 26.0	551	112	dpl. II. s.
1941	9	40 20.83	26 1 36.2	149	8	
	9	20.97	31.1	92	203	
	8½	21.06	33.0	561	3	
	8½	21.09	36.4	152	6	
1942	8½	40 23.34	38 18 30.9	565	12	
1943	8½	40 23.53	36 31 41.6	534	16	
1944	7½	40 24.13	31 31 30.6	568	9	
	8	24.15	31.9	164	106	
1945	7½	40 24.69	54 59 22.5	553	99	
	8	24.85	24.0	183†	73	
1946	8½	40 26.99	24 3 14.7	102	186	
	8½	27.04	14.1	122	8	
	8½	27.32	11.6	133	5	
1947	9	40 28.88	48 33 31.6	136	63	
1948	8½	40 29.14	34 59 33.5	140	118	
	8½	29.18	34.1	532	14	
1949	8½	40 29.16	28 18 28.2	159	4	
	9	29.39	29.0	118	5	
1950	8	40 30.02	55 53 24.3	183†	71	
1951	9	40 30.83	70 37 28.4	549	97	
1952	9	40 32.19	27 4 11.5	541	215	
1953	8½	40 33.02	64 14 6.0	186†	49	
	8	33.25	7.7	556	15	
1954	9	40 33.04	26 3 38.2	149	9	
	9	33.19	35.9	561	4	
	9	33.20	35.5	152	7	
	9	33.25	35.9	92	204	
1955	9½	40 38.07	36 38 34.1	534	19	
1956	9	40 38.95	23 19 59.4	122	7	
	9½	39.02	58.7	102	184	
1957	9	40 40.42	31 8 7.9	568	12	
1958	6½	40 42.24	31 39 8.7	164	107	
	6½	42.47	9.1	568	13	
1959	6	40 45.34	30 49 6.4	566	8	dpl. II. s. sq.
	6½	45.34	5.8	545	183	
	6	45.36	7.1	164	105	
	6	45.45	6.2	174	245	
1960	8½	40 45.61	46 56 53.2	136	66	
	8½	45.63	52.8	106	91	
1961	9½	40 45.72	35 4 26.2	140	119	
	9	45.76	27.2	532	15	
1962	8½	40 46.76	52 53 50.0	554	90	
	9	46.85	47.7	188†	48	
1963	9½	6 40 47.85	35 2 5.4	532	16	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
1964	9	6 40 48.81	32 27 16.6	570	5
1965	8½	40 48.96	55 0 13.8	553	100
	9	49.11	13.9	183†	72
1966	9	40 49.36	36 44 2.1	534	17
1967	9½	40 50.25	25 46 5.8	561	5
1968	8½	40 50.28	31 22 12.6	568	10
1969	8	40 50.53	55 6 15.7	553	101
	8½	50.68	16.0	183†	75
1970	8½	40 50.61	41 2 5.3	519	124
	9	50.85	4.4	100	131
1971	9½	40 52.17	75 32 53.8	527	21
	9½	52.41	56.1	191†	15
1972	8½	40 52.62	43 54 14.2	138	125
1973	9	40 55.52	31 19 43.4	568	11
1974	8½	40 55.70	58 21 27.1	551	113
1975	9½	40 58.02	50 23 52.7	559	12
	8½	58.16	53.3	547	158
1976	9	40 58.98	37 29 10.8	180	189
1977	8½	40 59.17	25 7 45.6	149	11
	9	59.31	45.1	133	7
1978	8	40 59.47	61 6 13.7	529	73
1979	9	40 59.55	26 35 22.1	152	8
1980	9	40 59.92	32 8 24.3	164	108
	8½	59.95	22.4	570	6
	8½	59.96	25.1	568	14
1981	8	41 0.51	64 29 38.5	556	16
1982	9½	41 0.83	29 12 15.9	538	8
1983	10	41 2.36	65 51 24.6	556	18
1984	8	41 3.88	28 40 49.0	118	6
	8	3.94	48.4	146	117
1985	7½	41 4.91	25 12 59.7	149	10
	8½	4.98	59.3	92	205
1986	8	41 5.09	65 20 30.2	556	17
1987	7½	41 5.83	46 38 36.2	106	92
1988	8	41 7.44	36 43 7.6	534	18
1989	9	41 7.48	27 10 46.6	541	214
1990	9	41 8.33	38 38 39.0	565	13
1991	7	41 9.86	61 37 47.8	529	72
1992	8½	41 11.55	23 1 0.2	102	188
	8	11.69	2.2	122	10
1993	9	41 12.41	37 52 15.5	535	21
1994	9	41 13.17	29 7 56.9	174	247
	8½	13.35	57.0	538	9
1995	9	41 13.47	37 10 16.9	534	20
1996	9	41 14.19	54 3 13.1	188†	49
1997	9½	41 14.91	47 3 39.8	136	68
1998	9	41 15.47	46 45 56.4	106	93
1999	9	41 16.83	32 39 25.0	570	7
2000	9	41 18.88	54 26 38.0	188†	50
	8	18.88	37.4	553	104
	9	18.93	36.9	554	91
2001	9	41 20.17	37 39 7.3	535	22
	9½	20.22	4.1	180	190
2002	8½	41 21.45	28 3 42.4	146	118
	8	21.50	41.6	159	5
	8	21.53	41.9	156	6
	8½	21.63	42.7	118	7
2003	9	41 22.18	25 51 58.8	561	6
2004	7½	41 25.06	29 25 40.8	174	246
2005	8½	41 25.84	43 44 23.6	138	126
2006	9½	41 26.21	41 50 34.7	100	132
2007	8½	41 27.03	24 0 37.1	122	9
	8	27.04	38.7	102	187
2008	8	41 27.33	64 23 54.9	556	20
2009	9½	41 30.19	25 4 47.9	133	8
2010	8½	41 30.36	62 38 54.9	529	74
	8½	30.45	53.6	529	77
2011	9½	6 41 30.88	35 31 12.9	532	17
2012	8	6 41 31.27	55 4 9.5	553	102
	8½	31.36	9.4	183†	74
2013	9½	41 32.62	37 44 46.0	180	191
	9	32.63	45.8	535	23
2014	9½	41 33.27	24 36 31.4	133	10
2015	8½	41 34.28	30 36 35.1	566	9
2016	8½	41 35.48	37 17 58.9	180	193
2017	7	41 36.68	46 48 20.5	525	86
	7½	36.81	18.8	106	95
2018	9	41 36.79	48 34 44.0	525	85
2019	6½	41 37.29	54 36 6.0	553	103
	6½	37.31	5.3	188†	52
	7	37.46	5.8	554	92
	6½	37.56	6.4	183†	76
2020	9½	41 37.58	37 36 4.5	535	25
2021	6½	41 40.13	54 33 56.5	188†	51
	6½	40.17	56.7	553	105
	6½	40.26	57.9	183†	77
	6½	40.41	58.3	554	93
2022	9	41 40.32	42 24 9.6	100	133
2023	7½	41 41.02	34 6 37.0	140	120
2024	8½	41 41.60	25 2 13.4	149	12
	8½	41.69	12.8	133	9
2025	7½	41 43.39	47 5 30.4	136	67
	7	43.44	30.8	525	87
2026	7	41 44.00	46 43 19.1	106	94
2027	9½	41 44.65	62 46 6.6	529	76
2028	9	41 46.91	46 34 13.8	106	97
2029	9½	41 50.18	29 7 4.1	174	248
	9	50.54	5.5	538	12
2030	9	41 50.75	50 26 28.1	559	13
2031	8½	41 52.21	28 53 42.6	174	249
	8½	52.37	41.7	538	10
2032	9	41 52.59	28 0 20.3	118	8
	9½	52.63	19.9	146	119
	8½	52.86	18.5	159	6
2033	7	41 54.31	39 24 26.3	519	125
2034	9½	41 54.91	65 58 8.0	556	19
2035	6½	41 55.03	37 38 33.6	535	27
	7	55.04	31.2	180	192
	6½	55.07	33.5	535	24
2036	8½	41 55.12	52 17 35.2	554	95
2037	9½	41 55.34	31 1 41.5	566	10
	9½	55.55	46.0	568	15
2038	9	41 59.69	25 54 1.8	152	9
	8½	59.73	2.2	561	7
2039	8	42 0.82	22 55 6.4	122	11
	8	0.90	5.9	102	189
2040	8	42 0.95	76 41 1.8	191†	12
2041	9½	42 1.24	58 35 53.8	551	114
	9½	1.30	54.6	551	117
2042	9	42 1.95	29 3 36.0	538	11
2043	10	42 2.23	47 2 34.1	525	88
2044	9	42 3.99	29 28 23.8	174	251
2045	9	42 5.08	28 16 5.7	118	9
2046	9½	42 6.36	42 45 24.6	100	134
2047	8½	42 8.36	33 32 3.6	140	121
2048	9½	42 8.45	38 40 36.0	565	14
2049	8½	42 12.54	27 12 50.2	156	7
	10	12.61	50.8	146	120
2050	8	42 12.88	46 47 55.7	106	96
2051	8½	42 13.73	62 29 13.1	529	75
2052	8	42 13.93	52 13 56.7	554	97
2053	8	42 16.33	63 0 29.5	529	78
2054	9	42 17.86	51 26 18.5	559	14
2055	8½	42 17.90	43 40 5.4	138	127
2056	8	42 18.94	36 27 42.8	534	21
2057	8½	6 42 21.43	25 35 24.7	149	15

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2058	9½	6 42 22.94	23 43 21.5	102	190	dpl. II.
2059	8	42 23.66	30 49 20.3	566	12	
	8	23.77	22.5	164	109	
	8½	23.84	21.4	174	252	
2060	9	42 24.67	23 56 13.7	122	13	
	8½	24.76	14.8	133	11	
	8½	24.89	15.5	133	13	
2061	9	42 24.99	32 52 54.3	140	122	
	9	25.06	52.3	570	8	
2062	7½	42 25.32	70 31 39.9	549	98	
2063	8	42 26.39	25 32 54.9	92	209	
2064	9½	42 26.63	22 51 39.2	122	12	
2065	8½	42 27.09	35 42 44.9	532	19	
2066	9	42 27.56	27 29 52.6	156	8	
2067	9	42 28.81	30 38 45.5	566	13	
2068	9	42 29.77	25 1 30.3	92	207	
	8½	29.83	28.3	149	13	
	9	29.90	28.0	102	192	
2069	9	42 30.70	31 8 58.5	566	11	
2070	9	42 30.93	44 28 26.3	138	128	
2071	8	42 31.09	24 48 25.8	102	191	
	8	31.17	26.4	92	206	
	8	31.19	26.9	92	208	
2072	7½	42 32.22	28 25 21.8	118	10	
	8	32.34	23.3	159	8	
2073	8	42 32.73	28 26 14.6	118	11	
	8	32.94	14.8	159	9	
2074	7	42 32.89	52 4 4.7	554	98	
	7	33.11	4.9	559	15	
	7	33.20	5.9	188†	54	
2075	9	42 33.68	24 57 20.7	102	193	
	8½	33.75	21.7	149	14	
2076	9	42 34.06	35 52 15.2	534	22	
	9	34.20	14.8	532	18	
2077	10	42 35.63	24 10 30.9	122	14	
	9½	35.78	30.0	133	12	
2078	9	42 35.93	32 49 23.3	570	9	
2079	8½	42 36.67	29 14 9.6	538	13	
	9	36.75	9.2	174	250	
2080	8	42 37.35	28 4 48.7	159	7	
	9	37.53	47.9	146	121	
2081	9	42 38.38	52 21 40.0	188†	55	
2082	8½	42 39.46	70 59 55.4	549	100	
	8½	39.68	54.3	143	72	
2083	9	42 40.21	38 37 35.4	180	194	
	9	40.24	36.5	565	15	
2084	8½	42 40.39	37 57 30.8	535	26	
2085	9½	42 40.79	58 44 12.3	551	118	
	9½	41.08	15.6	523	28	
2086	8½	42 41.48	31 53 20.5	164	110	
	8	41.74	23.1	568	16	
2087	9	42 43.24	40 49 28.9	519	127	
	9½	43.25	29.4	100	136	
2088	9	42 44.90	40 57 35.8	519	126	
	9	45.00	35.6	100	135	
2089	9½	42 44.92	54 36 49.0	183†	78	
	9	45.10	46.7	553	108	
2090	9	42 45.19	59 8 42.6	551	116	
	9	45.26	44.4	523	29	
2091	9	42 47.85	27 4 19.1	561	8	
2092	9	42 48.43	54 1 10.3	188†	53	
	9	48.94	12.8	554	94	
2093	9	42 48.97	23 20 42.0	122	15	
2094	7	42 49.93	71 38 47.3	143	73	
2095	8½	42 53.22	33 22 34.6	140	123	
2096	8	42 53.54	27 27 26.3	118	13	
	9	53.71	27.0	156	9	
2097	8½	6 42 55.54	35 48 21.3	532	20	
2098	8½	6 42 56.17	26 23 51.6	152	10	
2099	8	42 58.71	40 37 0.9	519	128	
2100	9½	42 59.46	27 3 5.5	561	9	
2101	9	43 0.24	41 19 49.7	100	137	
2102	6½	43 2.27	52 16 33.6	554	96	
	6½	2.29	32.8	188†	56	
2103	9	43 3.64	59 10 17.1	523	30	
	9	3.70	16.0	551	115	
2104	5½	43 4.80	37 47 32.1	180	196	
	5½	4.94	32.7	535	28	
2105	9½	43 5.63	76 48 22.7	191†	17	
2106	8	43 5.77	44 50 18.0	138	130	
2107	8½	43 7.43	47 33 26.9	525	90	
	8½	7.51	26.0	136	69	
2108	8½	43 8.69	77 33 35.7	527	23	
	9	8.92	34.9	191†	19	
2109	7½	43 9.14	38 47 5.6	565	16	
	8	9.29	5.9	180	195	
2110	8½	43 9.41	66 22 13.5	556	21	
2111	8½	43 10.67	28 18 53.7	159	10	
	8½	10.73	54.8	118	12	
2112	8½	43 12.80	30 17 51.1	174	253	
	8	12.92	50.7	566	15	
2113	9½	43 13.32	32 47 50.2	570	10	
2114	9	43 13.61	44 33 31.7	138	129	
2115	9	43 14.76	26 55 54.2	561	10	
	9½	14.79	55.3	156	10	
2116	9	43 15.73	33 43 41.5	140	124	
2117	7	43 17.93	61 5 28.8	574	1	
	7	18.10	29.0	529	80	
2118	9	43 18.24	35 46 9.6	532	21	
2119	7½	43 18.88	71 5 16.3	549	99	
	7½	19.16	16.3	143	75	
2120	8½	43 20.31	29 26 3.4	538	14	
2121	7	43 20.81	47 40 8.4	525	89	
	7½	20.83	7.4	136	70	
2122	9½	43 20.98	31 29 23.9	568	17	
2123	8½	43 21.58	39 1 24.7	565	17	
2124	9½	43 22.60	47 36 33.5	525	91	
	9	22.88	35.8	136	71	
2125	9	43 22.84	75 23 4.6	191†	16	
	9	22.91	5.8	527	22	
	8½	23.00	4.5	527	18	
2126	9	43 23.18	54 45 53.5	553	107	
2127	8	43 23.36	51 3 51.8	559	16	
2128	9	43 25.92	59 33 20.6	523	32	
2129	8½	43 27.50	54 53 39.3	553	106	
2130	9½	43 30.11	63 39 45.5	529	79	
2131	8½	43 33.49	59 47 35.1	523	31	
2132	9½	43 33.98	41 12 15.2	100	138	
2133	9	43 34.06	36 4 42.5	534	24	
2134	8½	43 34.11	29 17 8.4	538	15	
2135	8	43 34.25	23 3 43.7	122	16	
	7½	34.25	41.7	102	194	
2136	9	43 34.59	29 50 57.6	566	14	
2137	8	43 35.40	27 14 32.4	156	12	
	8	35.44	31.4	146	122	
2138	8½	43 37.43	25 31 7.5	149	16	
	8½	37.48	6.5	149	18	
	9	37.62	6.1	92	210	
2139	8	43 38.32	77 24 58.7	191†	18	
	8	38.47	60.4	527	24	
2140	9	43 38.48	39 38 39.4	519	129	
2141	9	43 38.84	31 20 30.0	568	19	
2142	7½	6 43 40.72	28 4 30.9	118	14	
	7½	40.76	32.6	159	12	
	7½	40.80	31.1	146	124	
	7½	40.84	31.8	156	14	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
2143	8½	6 43 42.17	28 13 47.0	159	11
	8	42.23	47.2	118	15
	8½	42.44	46.1	146	125
2144	9	43 41.43	24 51 44.3	149	17
	9½	44.66	44.3	133	14
2145	9	43 44.58	47 1 0.9	106	98
2146	9	43 45.09	27 1 45.0	152	11
	9	45.12	45.9	156	11
	9	45.25	43.6	561	11
2147	9	43 47.11	36 51 40.4	534	23
	9	47.17	40.3	535	29
2148	8½	43 48.10	29 33 32.1	538	17
2149	8½	43 49.55	47 17 10.7	136	72
2150	9	43 49.60	27 13 32.4	146	123
	9	49.73	34.0	156	13
2151	9½	43 49.97	54 36 1.5	554	100
	9	50.09	3.8	553	111
	9½	50.25	5.2	183†	79
2152	9½	43 50.77	32 31 58.2	570	11
2153	8½	43 52.07	39 33 3.0	519	130
2154	6	43 52.69	51 7 31.0	559	17
2155	8½	43 53.19	37 49 57.7	565	18
	8½	53.24	57.9	535	31
	8½	53.28	54.5	180	197
2156	9	43 53.22	35 35 20.6	532	22
2157	8	43 53.77	31 13 7.4	568	18
2158	9½	43 54.63	50 14 47.6	559	18
2159	8½	43 58.55	32 19 25.1	164	111
	8½	58.69	24.8	570	12
2160	9½	43 58.73	24 23 28.7	133	15
2161	8½	43 59.04	27 56 10.7	159	13
	9	59.18	9.9	156	15
2162	9	43 59.31	58 45 37.2	551	119
2163	10	43 59.54	58 42 52.4	551	120
2164	9½	43 59.71	37 44 20.4	535	33
2165	8	43 59.78	38 44 26.3	565	21
2166	6½	43 59.95	29 36 12.3	174	254
	7½	60.01	12.5	538	16
2168	8	44 1.39	44 34 49.5	138	131
2169	9½	44 2.07	64 31 9.6	556	22
2170	7	44 2.22	25 55 17.6	561	12
	8	2.25	19.4	92	211
	7½	2.32	22.4	149	19
	7½	2.37	19.0	152	12
2171	8	44 3.08	38 31 4.4	565	20
	8½	3.14	3.3	180	199
2172	7½	44 3.44	71 45 37.8	143	74
2173	7	44 3.86	43 25 35.6	525	92
2174	9	44 5.93	37 51 28.4	565	19
	9	6.03	29.2	535	32
2175	8½	44 6.93	37 27 23.3	180	198
	8	7.06	25.0	535	30
2176	9	44 8.39	70 33 44.4	549	101
2177	9½	44 8.40	23 46 34.7	118	17
2178	7	44 8.98	54 33 29.4	553	109
	7	9.01	30.2	183†	80
	7	9.05	30.3	554	99
2179	8½	44 14.33	60 7 37.5	551	122
	8½	14.46	36.6	523	34
2180	7	44 14.36	47 9 39.7	106	99
	7	14.39	39.1	136	73
2181	9½	44 14.45	35 33 18.7	532	24
2182	9½	44 15.69	46 11 8.2	106	100
2183	9½	44 16.46	45 4 55.3	106	101
2184	8	44 17.78	35 37 40.8	532	25
	8	17.80	40.4	532	23
2185	7	44 19.15	34 47 47.3	572	1
	7½	19.41	45.1	140	125
2186	8½	6 44 20.08	44 10 36.6	138	132
2187	9½	6 44 20.35	63 12 7.6	529	81
2188	7½	44 22.73	28 49 55.3	118	16
2189	8	44 25.72	24 4 18.2	102	195
	8½	25.76	18.5	133	16
	8½	25.85	19.1	122	17
2190	9½	44 26.28	30 19 44.4	566	16
2191	7½	44 26.95	24 0 3.3	102	196
	7½	27.00	3.9	122	18
	8	27.25	4.5	133	17
2192	8½	44 27.13	23 59 37.7	122	19
	8	27.22	37.6	102	197
	9	27.22	36.6	133	18
2193	8½	44 29.46	42 54 56.1	100	140
2194	9	44 30.59	23 55 53.7	122	20
	8	30.66	52.5	102	199
	9	30.76	54.4	133	20
2195	9	44 30.66	72 53 27.5	143	78
2196	7½	44 30.78	43 39 41.6	138	133
2197	8½	44 31.16	30 42 7.4	566	17
2198	7½	44 31.76	28 30 40.3	118	18
	7½	31.79	37.5	159	14
2199	7	44 32.62	23 55 59.8	122	21
	7	32.81	61.4	133	19
	6½	32.83	59.2	102	198
2200	9½	44 33.92	53 16 38.3	188†	58
2201	9½	44 35.81	42 16 30.6	100	139
2202	7½	44 36.19	48 55 11.1	525	93
2203	9	44 36.28	31 24 39.2	568	20
2204	9	44 37.38	37 8 5.6	534	25
2205	9	44 37.60	38 52 58.5	565	22
2206	9	44 37.81	45 14 36.7	106	102
2207	9½	44 38.01	39 56 54.0	519	132
2208	8½	44 39.80	40 0 18.3	519	131
2209	9	44 41.17	35 4 28.5	572	2
	9½	41.31	27.4	140	126
2210	8½	44 41.72	58 31 5.0	551	121
2211	8½	44 43.22	55 7 61.1	533	115
	9½	43.52	58.7	183†	81
2212	9½	44 44.45	32 30 28.9	570	14
2213	9½	44 44.81	47 5 25.7	136	74
2214	9	44 45.68	30 44 11.8	566	18
2215	9	44 46.34	25 53 47.6	92	212
	9	46.35	48.6	149	20
	8½	46.44	46.1	561	13
	9	46.49	46.7	149	21
	9	46.54	47.1	152	13
2216	8½	44 50.06	43 29 37.0	138	135
2217	7	44 52.18	32 23 57.4	570	13
2218	9	44 52.24	66 43 42.0	556	25
2219	7½	44 52.57	64 54 27.4	556	23
2220	6	44 52.59	55 24 6.0	183†	83
	6	52.76	5.7	553	112
2221	7½	44 55.57	43 39 36.6	138	134
2222	8½	44 57.71	47 28 46.5	136	75
2223	9½	44 58.84	27 57 39.2	156	16
2224	9	45 1.46	28 32 24.4	118	19
	9	1.49	22.6	159	15
2225	9½	45 3.58	29 49 7.0	566	19
	9½	3.66	7.8	538	18
2226	9½	45 3.69	45 36 23.9	106	103
2227	8	45 5.89	55 7 32.9	553	113
	9	6.11	32.6	183†	82
	8½	6.20	33.7	183†	85
2228	7	45 6.20	27 11 24.6	561	14
	7	6.21	26.2	156	18
	7	6.29	25.5	152	15
2229	8½	6 45 6.78	54 36 43.0	554	101
	8	6.79	41.5	553	110
	8½	6.84	44.4	188†	59

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2230	8½	6 45 7.82	36 51 41.3	180	200	
	8½	7.97	41.5	534	26	
	8½	8.02	42.2	535	34	
2231	4	45 10.40	32 21 54.7	570	15	
2232	9	45 10.75	53 2 16.0	188†	57	
2233	9	45 11.00	54 24 50.6	554	102	
2234	9½	45 11.83	38 31 10.3	565	23	
2235	8½	45 14.16	26 37 41.6	152	14	
2236	8½	45 16.07	55 15 3.5	553	114	
	8½	16.12	4.0	553	117	
2237	8½	45 20.33	23 30 54.9	122	22	
2238	8½	45 20.86	27 9 50.0	561	15	
	8½	20.92	49.5	152	16	
	9	21.02	50.7	156	19	
2239	8½	45 21.29	27 48 51.1	156	17	
2240	9½	45 23.37	43 4 48.8	100	141	
	9	23.39	48.6	138	136	
2241	8½	45 24.21	48 25 35.0	525	94	
	9	24.44	34.7	136	77	
2242	9	45 26.70	59 49 26.9	551	123	
	8½	26.88	25.9	523	35	
	8½	26.98	25.7	523	33	
2243	9½	45 27.13	22 50 56.8	122	23	
2244	9½	45 27.61	29 48 7.2	566	20	
2245	9	45 30.94	51 24 6.3	559	19	
2246	9	45 31.26	66 12 17.3	556	24	
2247	7	45 31.63	25 38 0.7	149	22	
2248	8	45 31.75	26 58 58.9	561	16	
	8½	31.81	60.4	152	17	
2249	8½	45 33.43	25 16 39.1	149	23	
2250	8	45 34.07	41 17 23.0	100	143	
2251	9½	45 34.08	39 0 40.3	565	27	
2252	8½	45 36.35	33 44 28.9	140	127	
2253	7½	45 36.96	47 57 25.9	525	95	
	8	37.14	26.0	136	76	
2254	6	45 39.89	31 33 43.2	568	22	
2255	8½	45 43.02	31 19 54.1	568	23	
2256	8	45 43.13	31 33 25.0	568	21	
2257	9	45 43.65	71 50 34.4	143	76	
2258	8½	45 44.60	26 24 32.3	561	17	
2259	8½	45 45.40	53 45 7.4	188†	60	
	8	45.44	8.8	554	104	
2260	9	45 45.89	41 9 31.5	100	144	
	8½	45.94	30.0	519	133	
2261	9½	45 46.99	38 56 7.2	519	136	
	9	47.14	6.0	565	24	
2262	9	45 47.02	24 35 29.4	133	22	
2263	9	45 47.93	24 15 6.8	133	21	
2264	8½	45 49.96	55 18 48.3	553	116	
	9½	50.10	45.8	183†	84	
2265	8½	45 50.12	49 2 45.1	525	96	
	8½	50.31	44.8	136	78	
2266	8	45 52.08	61 40 18.9	574	2	
	8½	52.15	19.2	529	82	
2267	8	45 53.35	29 18 6.3	538	20	
2268	8½	45 53.43	55 56 35.1	553	119	
2269	7½	45 53.67	45 25 24.1	106	104	
2270	7½	45 53.68	31 7 54.4	568	24	
2271	9	45 53.92	30 21 34.8	566	22	
2272	8	45 56.04	36 36 0.4	534	27	
2273	8	45 58.97	53 52 18.3	188†	61	
	7½	59.07	20.9	554	103	
2274	8½	45 59.10	30 25 53.8	566	23	
2275	8	45 59.44	38 54 30.4	519	134	
	7½	59.49	31.8	565	25	
2276	8½	46 0.01	28 47 7.5	159	16	
2277	8	46 0.17	56 10 33.8	553	118	
2278	9	46 3.82	26 54 17.7	152	18	
2279	9	6 46 3.86	29 47 53.1	566	21	
2280	8	6 46 3.86	28 33 40.0	159	19	
	8	3.91	39.6	118	20	
2281	8½	46 5.66	57 20 28.2	553	121	
	8	5.67	29.1	551	125	
	8½	5.88	28.6	183†	86	
2282	9	46 6.85	53 36 20.2	188†	62	
	9½	7.07	23.3	554	105	
2283	9	46 6.96	41 59 64.0	100	145	
	8½	7.14	59.5	100	142	
2284	9	46 9.02	37 21 14.7	535	36	
2285	9	46 9.35	38 58 51.5	565	26	
	9	9.45	50.5	519	135	
2286	7½	46 9.43	57 30 52.8	553	120	
	7	9.47	54.9	551	126	
	8	9.61	52.9	183†	87	
2287	6½	46 10.15	72 58 46.4	143	77	
2288	8	46 10.54	27 6 53.0	156	20	
	8	10.69	51.7	152	19	
	7½	10.79	51.8	561	18	
2289	8	46 10.95	44 54 26.8	138	137	
2290	8½	46 10.97	28 35 4.0	118	21	n. pr.
	8½	11.14	5.6	159	18	
2291	9	46 11.17	28 35 16.6	118	22	s. sq.
2292	6½	46 11.61	70 17 46.1	549	102	
2293	8½	46 12.39	23 29 56.7	122	25	
2294	8½	46 13.19	31 58 37.0	568	25	
	8½	13.39	33.6	570	16	
2295	9½	46 14.53	22 56 27.1	122	24	
2296	9	46 16.54	28 55 59.8	159	17	
	8½	16.74	59.4	538	19	
2297	9½	46 17.01	34 15 19.1	140	128	
2298	8½	46 17.06	25 50 41.3	561	21	
	9	17.30	42.4	149	25	
2299	9½	46 18.62	30 35 6.2	566	25	
2300	7	46 19.01	45 18 11.2	106	105	
2301	8½	46 19.55	25 13 19.8	149	24	
2302	5	46 19.58	34 13 13.5	140	129	
2303	8½	46 20.67	29 25 55.3	538	21	
2304	9½	46 21.26	37 48 51.2	535	35	
2305	8	46 22.35	51 37 8.9	559	20	
2306	8½	46 23.90	46 1 12.6	170	1	
	9	23.97	10.6	106	106	
2307	8	46 24.27	36 50 12.9	534	28	
	8	24.32	15.0	535	37	
2308	9	46 27.07	34 59 39.0	572	3	
	9	27.47	41.7	532	28	
	9	27.51	41.0	532	26	
2309	8	46 28.97	23 39 17.8	122	26	
2310	8½	46 31.94	78 18 39.6	527	26	
	8½	32.08	39.4	191†	21	
2311	7½	46 32.59	34 7 46.0	572	4	
	8½	32.73	45.9	140	130	
2312	7½	46 34.58	26 23 12.2	561	19	
	8	34.84	12.1	152	21	
2313	9	46 35.00	46 34 10.4	106	108	
2314	8½	46 37.45	60 41 35.2	529	83	
	8½	37.57	35.0	551	127	
	8½	37.82	34.3	574	4	
2315	9	46 37.51	38 14 28.2	565	28	
2316	8	46 37.74	58 19 25.9	523	36	
	8½	37.96	25.8	551	124	
2317	9	46 38.16	23 50 19.0	133	23	
2318	8½	46 38.26	50 48 50.6	559	21	
2319	9	46 39.46	30 35 19.7	566	24	
2320	9½	46 39.86	40 28 10.7	519	137	
2321	9	46 40.19	27 1 53.2	152	20	
	9	40.20	52.3	156	21	
2322	7½	6 46 40.19	32 2 10.7	568	26	
	7	40.45	7.9	570	17	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2323	8	6 46 40.53	29 13 37.2	538	22	
2324	8½	46 41.95	64 56 46.4	186†	51	
	8	42.53	47.9	556	26	
2325	9	46 43.84	28 29 10.8	118	23	
	8½	44.04	8.4	159	20	
2326	9	46 44.03	32 31 37.6	570	18	
2327	8½	46 44.39	35 19 11.8	532	27	
2328	9	46 44.61	25 36 25.3	149	26	
2329	8½	46 44.78	49 59 58.6	559	23	
2330	8½	46 46.18	43 20 54.3	138	138	
2331	7½	46 46.78	26 25 59.5	561	20	
	8	46.97	61.3	152	22	
2332	9	46 48.06	77 25 42.3	527	25	
	9	48.38	42.6	191†	20	
2333	9	46 49.96	48 57 25.6	136	79	
2334	3	46 50.08	50 27 58.0	559	22	
2335	9½	46 52.13	67 42 3.4	549	105	
2336	8½	46 53.10	48 44 8.3	525	97	
	8	53.28	7.9	136	80	
2337	9	46 54.03	47 15 57.9	525	98	
2338	9½	46 54.19	45 57 45.6	106	107	
	9	54.36	43.6	170	2	
2339	4	46 54.32	61 48 24.5	574	3	
	4	54.55	24.0	529	84	
2340	9	46 57.87	36 19 41.1	534	29	
2341	9½	46 58.49	24 47 6.0	133	24	
2342	9	47 0.63	33 44 23.6	140	131	
2343	9	47 0.84	43 21 57.7	138	139	
2344	9½	47 2.45	53 41 53.0	188†	64	
2345	9	47 3.46	26 17 38.9	152	23	
2346	9½	47 4.90	29 15 44.9	538	23	
2347	8	47 6.09	70 22 55.9	549	103	
2348	8½	47 7.05	27 49 47.9	118	24	
	8½	7.31	48.3	156	22	
2349	5	47 8.37	53 28 36.6	188†	63	
	5	8.48	37.5	554	106	
2350	9	47 9.39	46 39 23.1	106	109	
2351	7½	47 9.72	42 3 20.9	100	146	
2352	9½	47 13.15	62 3 32.8	529	85	s. pr.
2353	8½	47 15.18	29 6 46.9	538	24	
2354	9½	47 15.51	62 3 20.3	529	86	n. sq.
2355	9	47 16.96	26 18 37.4	561	22	
2356	6	47 18.04	36 4 44.3	534	31	
	6	18.33	42.8	532	29	
2357	9½	47 18.88	24 53 23.7	133	25	
2358	8	47 21.28	40 24 3.6	519	138	
2359	9	47 21.36	23 27 48.8	122	30	
2360	8	47 21.40	30 16 40.6	566	26	
2361	8	47 22.08	38 3 56.9	565	29	
	8	22.29	56.9	535	38	
2362	8½	47 22.70	28 29 2.0	159	21	
2363	8	47 24.56	52 39 11.7	554	107	
	8½	24.59	11.2	188†	65	
2364	8½	47 25.32	35 54 56.8	532	30	
	9	25.34	57.2	534	30	
2365	8½	47 25.63	25 24 35.2	149	27	
2366	9½	47 26.44	33 48 55.1	140	134	
2367	10	47 27.14	28 29 23.1	159	22	
2368	9½	47 27.17	67 43 25.5	549	106	
2369	7½	47 28.12	33 46 4.0	140	132	
2370	8½	47 32.64	22 53 45.5	122	27	
2371	9½	47 32.97	29 5 58.4	538	26	
2372	9	47 33.17	26 14 39.5	561	23	
2373	8½	47 34.59	28 56 52.2	159	23	
	8½	34.67	51.1	538	25	
2374	8½	47 34.71	27 37 19.0	118	26	
	8½	34.81	18.9	156	24	
2375	9	47 36.18	49 49 57.5	559	24	
2376	7½	6 47 36.93	25 57 58.3	149	28	
2377	8	6 47 37.42	31 51 50.0	570	19	
	7½	37.54	50.4	568	27	
	7½	37.59	50.9	568	29	
2378	8	47 39.05	55 45 21.6	183†	88	
2379	8	47 39.67	47 10 42.4	106	111	
	7½	39.76	42.6	525	99	
	7½	39.88	37.4	136	81	
2380	9	47 39.72	26 52 25.8	561	24	
2381	8½	47 40.15	27 48 9.6	118	25	
	8½	40.37	10.8	156	23	
2382	9½	47 41.41	54 46 24.4	553	123	
2383	8	47 41.70	44 18 27.1	138	140	
2384	9	47 42.88	22 57 31.2	122	28	
2385	10	47 43.75	37 57 4.3	535	39	
2386	9	47 43.85	23 43 54.8	122	31	
2387	9	47 44.02	33 2 10.9	570	21	
2388	8½	47 45.25	54 55 45.9	553	122	
2389	9½	47 46.57	29 48 14.0	566	27	
2390	9	47 46.96	59 42 52.6	523	38	
2391	9½	47 47.95	31 4 1.7	568	28	
2392	9	47 48.76	33 47 35.8	140	133	
2393	8½	47 49.21	60 13 31.0	551	129	
2394	8½	47 49.40	38 29 0.6	565	30	
2395	9	47 50.69	23 48 38.5	122	32	
2396	8	47 51.05	35 8 24.8	572	5	dpl. I.
	8	51.45	25.0	532	31	
2397	8½	47 51.69	46 40 0.3	106	110	
	8½	51.88	0.3	172	1	
2398	8	47 53.34	34 19 20.2	572	6	
2399	9½	47 53.72	23 9 11.5	122	29	
2400	7½	47 54.40	44 9 39.5	138	141	
2401	9	47 55.48	52 29 29.0	188†	66	
2402	8½	47 57.23	42 57 0.3	100	147	
2403	8	47 57.64	32 19 57.6	570	20	
2404	7	47 59.01	26 48 11.1	561	25	
2405	9½	47 59.42	74 16 41.2	143	79	
2406	9	47 59.48	24 45 17.5	133	26	
2407	9	48 0.22	75 26 32.5	191†	22	
	9	0.78	32.3	527	29	
2408	8½	48 1.29	24 0 52.4	122	33	
2409	9	48 2.36	58 50 13.5	523	37	
2410	9	48 4.10	52 18 47.3	554	108	
2411	8½	48 4.99	33 7 31.2	570	22	
2412	9	48 5.78	55 35 40.2	183†	89	
2413	9	48 7.59	25 23 45.4	149	29	
2414	9	48 8.72	47 36 1.0	136	83	
2415	8½	48 10.56	38 27 58.1	565	31	
2416	7	48 10.56	48 8 30.2	525	101	
	7	10.96	31.4	136	84	
2417	9	48 10.93	47 10 39.8	525	100	
	9	11.04	40.5	136	82	
2418	9½	48 12.03	29 41 32.6	538	27	
	9½	12.40	33.0	566	28	
2419	8	48 12.79	49 8 35.9	525	103	
2420	9	48 13.44	26 31 54.4	561	26	
2421	9	48 14.27	37 59 58.0	565	32	
	9	14.36	57.5	535	40	
2422	8½	48 17.78	70 19 29.1	549	104	
2423	9½	48 18.33	27 42 57.7	118	27	
	9	18.35	58.8	156	25	
2424	6½	48 21.66	60 6 16.2	551	128	
2425	9½	48 23.40	60 11 21.8	551	130	
2426	9	48 25.13	35 56 11.7	532	32	
2427	8½	48 25.31	48 50 31.8	525	102	
	8½	25.50	31.2	136	85	
2428	9½	48 26.70	38 1 16.0	535	41	
2429	8½	48 30.13	27 41 39.6	156	26	
	8½	30.20	39.2	118	28	
2430	8½	6 48 32.34	57 14 15.2	553	126	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2431	8½	6 48 33.53	56 48 8.9	553	124	
2432	6½	48 35.37	28 22 10.6	118	30	
	6½	35.46	11.9	159	24	
2433	9½	48 35.43	37 47 13.1	535	43	
2434	9	48 35.62	31 39 52.6	568	31	
2435	8½	48 36.00	42 42 49.2	100	148	
2436	8½	48 36.24	66 0 13.7	556	27	
2437	9	48 36.63	38 29 52.0	565	33	
2438	8½	48 37.70	45 17 12.5	170	5	
2439	9	48 37.93	36 31 31.7	534	32	
2440	8½	48 38.78	24 4 33.5	122	35	
2441	9½	48 40.44	31 3 6.1	566	29	
2442	7	48 44.69	42 21 4.9	100	149	
2443	9	48 44.77	61 50 7.5	529	87	
2444	8	48 44.98	40 32 23.2	519	140	
2445	9	48 45.26	38 52 20.2	565	35	
2446	8½	48 46.26	44 53 45.8	170	4	
2447	9	48 47.71	46 39 46.2	172	2	
2448	8½	48 47.76	36 52 40.6	534	34	
	9	47.93	40.7	535	42	
2449	8½	48 47.97	31 37 9.4	568	30	
	8½	48.05	9.6	568	32	
2450	8½	48 48.20	45 53 46.3	172	3	
2451	8½	48 48.74	36 34 36.6	534	33	
2452	9	48 51.10	44 50 34.6	170	3	
2453	8½	48 51.26	38 49 11.0	565	34	
2454	9½	48 52.68	52 34 18.2	188†	67	
2455	8½	48 55.82	32 17 57.5	570	23	
2456	4	48 56.76	24 1 44.4	122	34	
2457	8½	48 57.43	39 32 12.3	519	139	
2458	9½	48 57.82	26 25 51.5	561	27	
	9	57.85	52.9	152	24	
2459	9	48 57.90	42 32 45.2	100	151	
2460	9	48 59.05	40 21 50.9	519	141	} dpl.
2461	7	48 59.80	43 49 19.0	138	142	
2462	9½	49 0.41	30 33 20.6	566	30	
2463	8	49 3.14	27 36 18.4	118	29	
	8	3.59	18.6	156	27	
2464	9½	49 3.87	56 43 46.7	553	125	
2465	7½	49 5.35	42 28 24.5	100	150	
2466	9	49 5.35	34 30 44.7	572	8	
	9	5.55	41.7	140	135	
2467	9	49 6.62	25 55 4.0	561	28	
	9½	6.65	4.4	152	25	
	9	6.87	7.6	149	32	
2468	8½	49 7.38	54 13 26.0	554	109	
2469	9	49 7.38	34 34 55.4	572	7	
	9	7.58	53.2	140	136	
2470	9½	49 7.54	28 22 44.4	118	31	
2471	8½	49 7.74	55 26 18.3	183†	90	
2472	8	49 8.99	46 39 20.5	172	4	
	8½	9.17	20.8	106	112	
	8½	9.21	21.2	106	113	
2473	8	49 10.24	31 27 40.4	568	34	
2474	9½	49 10.83	43 46 11.8	138	143	
2475	9	49 12.70	57 6 36.2	553	127	
2476	8½	49 12.70	27 12 27.1	156	28	
	8½	12.80	28.0	156	30	
2477	8	49 13.57	67 12 11.4	556	28	
	8	13.66	11.3	549	108	
	8½	13.75	8.4	186†	52	
2478	9½	49 13.59	25 3 12.1	149	31	
	9	13.72	12.0	149	30	
2479	9½	49 14.14	71 58 7.4	143	80	
2480	9	49 16.48	38 46 47.4	565	36	
2481	8½	49 20.12	35 40 55.4	532	33	
2482	9	49 21.02	29 3 31.0	538	28	
2483	9½	49 21.74	52 27 46.1	188†	68	
2484	8	6 49 23.40	30 27 15.6	566	31	
2485	9½	6 49 24.66	59 8 53.3	551	131	
2486	8½	49 25.51	25 53 47.5	152	26	
	9	25.62	48.0	561	29	
	9	25.65	49.3	149	33	
2487	9	49 26.75	28 47 26.0	159	25	
2488	9	49 27.62	45 16 49.4	170	6	
2489	9½	49 27.98	37 47 27.0	535	44	
2490	9	49 29.95	45 52 59.7	172	5	
	8½	30.06	59.2	170	7	
2491	9	49 30.32	24 5 54.1	122	36	
2492	9½	49 32.54	34 58 39.2	532	34	
2493	8½	49 32.83	58 10 33.3	551	132	
2494	8	49 33.31	36 24 4.3	534	35	
2495	8	49 33.65	27 24 9.4	118	33	
	8½	33.89	8.7	156	29	
2496	9	49 33.88	24 9 31.0	122	37	
2497	7	49 36.88	31 38 42.2	568	33	
2498	8	49 38.00	55 48 3.2	183†	92	
2499	8½	49 40.70	29 20 2.3	538	29	
2500	8	49 41.26	34 3 58.3	140	137	
	8	41.27	58.5	572	9	
	7½	41.35	58.9	563	1	
2501	9	49 43.22	30 18 37.9	566	32	
2502	8½	49 44.71	24 33 35.0	133	27	
2503	9	49 44.75	51 36 52.6	559	26	
2504	8½	49 45.09	59 33 29.1	523	39	
2505	9	49 47.35	24 31 19.1	133	28	
2506	9½	49 48.15	24 6 2.5	122	38	
2507	7½	49 48.71	66 8 37.1	556	29	
	6½	48.90	35.1	186†	54	
2508	9	49 51.23	27 4 34.6	561	30	
2509	8½	49 51.67	28 13 7.8	159	26	
	8½	51.81	8.0	118	32	
2510	8½	49 52.64	56 21 37.8	183†	93	} dpl.
2511	8	49 54.70	56 21 9.4	553	130	
2512	9½	49 55.18	67 7 33.7	549	109	
	9½	55.48	31.1	186†	53	
2513	9	49 55.27	42 57 28.3	100	152	
	8½	55.28	29.7	138	144	
2514	9	49 56.76	67 31 57.4	549	107	
2515	10	49 57.25	52 5 29.3	559	25	?
2516	9	49 58.60	59 14 35.2	523	40	
2517	9	49 59.50	36 29 18.5	534	36	
2518	9	50 0.24	77 6 24.9	191†	23	
	8½	0.55	24.5	527	28	
2519	9½	50 0.50	62 53 42.6	574	6	
	9½	0.82	41.0	529	89	
2520	9	50 2.20	39 26 14.9	519	142	
	9	2.26	16.9	576	1	
2521	7½	50 3.34	32 37 58.4	570	24	
2522	8½	50 4.99	39 9 6.8	576	2	
	8½	5.04	6.6	565	37	
2523	9	50 5.99	27 57 40.6	118	34	
	10	6.13	40.7	159	27	
2524	8	50 6.54	31 32 43.3	568	35	
2525	7	50 7.40	53 56 7.6	188†	71	
	7	7.44	8.6	554	110	
	7	7.45	6.4	188†	69	
2526	8½	50 7.66	62 55 24.5	574	5	
	9	7.74	23.4	529	88	
2527	9	50 8.76	31 20 30.8	568	36	
2528	9½	50 9.26	32 54 34.6	570	26	
2529	9	50 12.72	32 51 41.2	570	25	
2530	9½	50 13.66	24 12 8.8	133	30	
2531	8½	50 13.90	33 35 0.4	563	2	
2532	9	50 15.48	50 59 3.0	559	28	
2533	8½	50 15.66	46 16 12.5	106	116	s.pr.
2534	8	6 50 15.84	46 16 9.1	172	6	n.sq.
	8½	15.87	10.9	106	114	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
2535	8½	6 50 16.58	51 43 42.0	559	27
2536	9	50 17.82	40 2 13.8	519	144
2537	9	50 17.95	54 34 7.5	553	128
	9½	18.13	7.0	183†	91
2538	9	50 18.20	37 9 33.4	535	45
	9	18.24	34.4	534	37
2539	9	50 18.61	52 2 13.7	554	111
	9	18.61	12.7	188†	72
2540	9	50 19.91	33 30 50.7	563	3
2541	7	50 20.62	28 52 35.2	538	30
2542	9	50 23.01	24 13 28.1	133	29
2543	8½	50 23.67	37 12 46.3	535	46
2544	8½	50 23.76	34 3 3.7	572	10
	9	23.93	1.9	140	138
2545	9	50 23.98	31 13 23.7	568	37
2546	9½	50 24.42	39 6 22.2	565	38
2547	9	50 25.53	39 35 51.9	519	143
2548	8½	50 28.47	28 29 38.9	159	28
2549	8½	50 28.80	44 13 21.7	138	147
2550	9	50 29.20	79 59 15.2	191†	25
	9	29.87	14.3	527	27
2551	8½	50 29.29	40 17 46.5	578	1
2552	8	50 29.73	26 58 39.0	561	31
	8½	29.80	40.4	156	32
	8½	29.95	39.7	152	27
2553	6½	50 30.78	42 12 29.9	100	155
2554	8	50 32.90	36 9 37.8	534	38
	8	33.17	36.6	532	35
2555	8	50 33.19	24 31 9.4	133	31
2556	8½	50 34.52	27 0 44.7	152	29
	9	34.68	46.2	561	33
	9	34.84	46.4	156	31
2557	9½	50 35.06	57 50 19.0	551	133
2558	7½	50 36.68	42 56 60.6	138	145
	8	36.77	59.6	100	153
2559	8½	50 38.17	49 33 29.0	136	86
	8½	38.22	30.6	525	104
2560	9½	50 38.59	30 18 3.9	566	33
2561	9½	50 39.93	34 17 0.3	572	12
2562	9½	50 40.72	72 4 18.7	143	81
2563	9	50 41.11	45 29 55.9	170	9
2564	9	50 41.69	39 59 58.4	519	145
	9	41.78	60.0	576	4
	9	41.83	61.1	578	2
2565	9	50 42.35	22 51 4.6	122	39
2566	8½	50 44.71	37 20 28.6	535	47
2567	9	50 45.57	38 51 6.3	576	3
2568	7½	50 45.96	25 21 31.0	149	34
2569	8½	50 48.29	26 58 10.7	152	28
	8	48.37	10.2	561	32
	8	48.40	13.5	156	33
2570	9	50 48.87	28 26 48.5	159	29
	8½	48.90	48.7	118	36
2571	8½	50 49.84	42 35 13.3	100	154
2572	8½	50 50.13	51 16 29.3	559	29
2573	9	50 50.68	37 26 43.8	535	48
2574	9½	50 50.88	47 50 18.9	525	105
2575	9	50 51.37	26 56 57.5	561	34
	9½	51.55	60.6	156	34
2576	9½	50 52.18	29 47 20.5	566	35
2577	7½	50 52.45	38 23 44.9	565	39
2578	8½	50 53.41	51 52 31.4	554	112
2579	9	50 53.45	31 12 45.9	568	38
2580	7½	50 53.78	43 50 10.8	138	146
2581	9	50 54.37	34 18 26.2	572	11
2582	9	50 54.61	56 13 9.2	553	131
	9½	55.27	10.9	183†	95
2583	10	6 50 54.85	23 45 17.8	122	40
2584	6½	6 50 55.41	59 11 10.4	551	134
	6½	55.61	10.7	523	41
2585	9	50 55.83	54 18 37.7	188†	70
	8½	55.91	40.0	554	113
2586	7	50 56.67	50 27 39.2	559	30
2587	8½	50 57.61	46 18 56.0	172	7
2588	9½	50 58.81	45 24 11.4	170	10
2589	9½	50 59.57	54 43 42.6	553	129
2590	8½	50 59.73	45 44 5.5	106	115
	8½	59.94	1.5	170	12
	9½	60.05	1.2	170	8
2591	9	50 59.94	28 9 29.5	118	35
	9	59.98	29.7	159	30
2592	7	51 0.91	33 38 47.0	563	4
2593	9	51 2.57	29 57 20.1	538	31
	9	2.78	22.3	566	34
2594	8½	51 3.41	24 38 44.5	133	32
2595	9	51 4.72	40 54 18.1	100	157
2596	9	51 7.95	68 33 18.7	549	111
2597	8½	51 9.46	26 41 39.7	152	30
	8½	9.56	39.4	561	35
2598	9½	51 9.76	30 36 8.5	566	36
2599	6½	51 11.26	31 37 46.0	568	39
2600	9	51 13.56	36 49 32.3	534	39
2601	9	51 14.00	30 37 4.1	566	37
2602	7½	51 19.38	32 54 38.1	563	5
	7	19.57	37.0	570	28
2603	9	51 23.13	65 27 48.8	186†	55
	9½	23.38	50.9	556	30
2604	8	51 23.24	38 30 26.2	565	40
2605	8	51 24.71	29 24 52.1	538	32
2606	8	51 26.80	32 23 25.7	570	27
2607	8½	51 27.34	40 0 40.9	519	146
	8½	27.46	43.4	578	3
	8½	27.47	42.8	576	5
2608	8	51 27.93	25 44 52.3	149	35
2609	9	51 28.08	24 42 1.5	133	33
2610	8½	51 28.31	44 3 53.7	138	148
2611	8	51 28.34	34 47 44.8	572	14
2612	8	51 31.22	34 33 24.0	572	13
2613	9	51 31.56	39 19 14.8	519	147
	9	31.71	14.8	576	6
2614	8½	51 31.85	56 16 23.4	553	132
	9	32.09	18.1	183†	94
2615	9½	51 32.15	29 32 58.0	538	34
2616	9½	51 32.18	79 55 3.1	191†	26
2617	8½	51 33.21	38 6 43.6	565	41
	8½	33.25	42.7	535	49
2618	8½	51 33.92	31 5 9.8	568	40
	8½	33.96	8.9	566	38
2619	9	51 34.02	45 27 5.1	170	11
2620	9½	51 34.02	23 48 8.0	122	41
2621	9	51 34.16	55 37 15.7	553	133
2622	9	51 34.27	57 32 18.8	523	42
2623	8½	51 34.72	73 9 10.1	143	82
2624	8½	51 35.08	35 32 22.3	532	36
2625	9	51 35.74	44 11 5.0	138	149
2626	9	51 38.16	68 33 38.0	549	110
2627	8½	51 38.29	52 4 35.6	188†	73
	8½	38.31	36.2	554	114
	8½	38.53	35.1	559	32
2628	9½	51 39.63	46 19 11.9	106	118
	9½	39.75	10.2	172	10
2629	10	51 43.62	50 9 25.8	559	31
2630	9½	51 43.88	24 21 3.6	133	35
2631	8½	51 45.03	24 48 20.9	133	34
2632	9	6 51 47.05	65 6 5.1	186†	56
	9½	47.22	7.7	556	31

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2633	8½	6 51 48.61	29 34 24.7	538	33	
2634	10	51 49.07	64 56 16.2	186†	57	
2635	8	51 49.27	61 29 32.7	529	90	
	8½	49.45	34.9	574	7	
2636	9	51 49.39	41 9 29.0	100	156	
	8	49.43	29.2	578	4	
	9	49.51	29.5	100	158	
2637	8	51 51.17	31 13 2.0	568	41	
2638	9	51 52.39	45 56 43.5	170	13	
	9	52.46	32.4	172	8	
2639	8½	51 55.13	26 33 8.2	561	36	
	9	55.20	8.9	152	31	
2640	8½	51 58.55	46 18 10.7	106	117	
	8½	58.63	8.4	172	9	
2641	8	51 59.22	28 32 5.9	118	37	
	8½	59.37	6.4	159	31	
	8½	59.40	6.4	118	38	
2642	9	51 59.76	37 39 53.3	535	50	
2643	9½	52 0.50	24 18 30.1	133	38	
2644	9	52 1.38	33 43 19.1	563	6	
2645	8½	52 1.38	37 21 35.6	535	51	
2646	9	52 1.47	24 17 20.6	133	36	
2647	8½	52 1.98	24 59 16.5	149	37	dpl. IV. sq.
2648	7½	52 3.39	38 26 48.0	565	42	
2649	9½	52 3.42	60 33 25.6	551	137	
2650	9½	52 4.42	27 7 39.8	156	35	
2651	9½	52 4.98	68 51 42.4	549	112	
2652	9½	52 6.49	49 23 38.9	525	106	
2653	9½	52 6.83	26 50 4.3	152	32	
	9	6.83	3.1	561	37	
2654	9	52 7.02	23 20 4.5	122	46	
	9	7.04	3.1	122	43	
2655	9	52 7.18	59 53 48.4	551	136	
2656	8	52 9.17	25 39 15.7	149	36	
2657	8½	52 9.64	59 43 17.7	523	43	
	8½	9.67	17.3	551	135	
2658	9	52 9.74	32 52 18.4	570	29	
2659	9	52 11.31	29 19 1.1	538	36	
2660	8½	52 13.14	30 43 44.9	566	39	
2661	6½	52 16.43	35 10 39.1	572	15	
	6½	16.56	37.0	532	37	
2662	9½	52 16.50	23 2 22.1	122	45	
	9½	16.64	22.0	122	42	
2663	9½	52 16.56	60 1 38.5	551	138	
2664	9	52 18.59	32 46 14.4	570	30	
2665	8	52 19.79	22 59 30.7	122	44	
2666	8	52 21.13	55 5 31.9	553	134	
2667	8½	52 21.23	29 19 45.5	538	35	
2668	9½	52 23.80	30 19 42.1	566	41	
2669	8	52 24.24	27 1 21.1	156	36	
	8½	24.35	22.0	152	34	
	7½	24.51	21.2	561	39	
2670	6	52 24.55	24 28 4.0	133	37	
2671	9½	52 24.71	65 15 53.4	556	32	
	9	24.75	54.3	186†	58	
2672	9	52 24.82	40 38 15.1	519	149	
	9	25.06	16.5	578	5	
2673	8	52 26.58	40 49 34.0	578	6	
	8	26.64	35.1	519	148	
	7½	26.81	36.6	100	159	
2674	9½	52 27.00	79 41 57.0	191†	24	
2675	8½	52 28.28	23 17 29.7	122	47	
2676	9	52 29.15	55 38 41.8	553	135	
2677	10	52 30.68	31 15 2.1	568	42	
2678	8	52 31.03	26 58 2.7	561	38	
	8½	31.04	1.7	152	33	
	8½	31.18	2.8	156	37	
2679	9	6 52 31.37	35 55 56.9	534	40	
	9	31.45	57.6	532	38	
2680	9½	6 52 31.42	38 49 9.7	576	8	
	9	31.57	8.6	565	43	
2681	9	52 32.13	30 20 52.2	566	42	
2682	9½	52 35.08	42 2 40.8	100	161	
2683	9½	52 35.12	28 13 55.1	118	40	
	9	35.35	52.4	159	32	
2684	9	52 35.23	39 17 44.5	576	7	
2685	9	52 36.05	31 13 26.1	568	44	
2686	9	52 37.07	69 15 34.4	549	115	
2687	7	52 39.75	76 42 1.8	527	30	
	7	39.94	1.7	191†	27	
2688	8½	52 41.54	31 13 25.5	568	43	
2689	9	52 42.10	56 29 27.5	553	136	
	9½	42.16	27.7	183†	96	
2690	6½	52 42.86	27 22 17.4	118	39	
2691	9	52 43.17	41 12 2.7	578	7	
	9½	43.27	2.6	100	160	
2692	9	52 43.65	38 2 44.6	565	44	
	9	43.72	45.2	535	52	
2693	9½	52 44.40	46 49 31.1	172	12	
2694	9	52 46.74	30 41 51.1	566	40	
2695	6½	52 49.55	35 20 31.9	532	40	
2696	8	52 49.67	36 43 16.3	534	41	
2697	9½	52 51.76	46 37 1.5	106	119	
	9	51.77	4.2	172	14	
2698	6	52 52.63	70 48 24.6	143	83	
2699	8½	52 53.29	62 55 6.4	529	91	
	9	53.32	6.0	574	9	
2700	9	52 53.65	56 27 28.5	553	137	
	10	53.85	32.2	183†	97	
2701	9	52 54.19	65 41 56.8	186†	59	
	9	54.22	59.6	556	34	
2702	5½	52 56.24	48 33 26.1	525	107	
	5½	56.45	24.2	136	88	
2703	9½	52 56.83	33 5 41.7	570	31	
2704	9	52 57.12	53 29 49.4	554	116	
	9	57.17	48.4	188†	74	
2705	9	52 57.54	48 49 21.2	525	108	
	9	58.15	21.1	136	89	
2706	9	52 58.15	62 18 3.8	529	92	
	8	58.39	4.2	574	8	
2707	8½	52 58.33	34 53 45.0	572	16	
2708	9	53 1.18	46 57 54.4	172	11	
	9	1.34	56.4	136	87	
2709	8½	53 2.88	53 27 38.6	188†	75	
	8½	2.92	38.4	554	115	
2710	9	53 3.32	30 15 38.9	566	43	
2711	9½	53 3.73	74 24 17.3	143	84	
2712	9½	53 3.73	68 54 30.4	549	114	
2713	9	53 4.39	25 28 12.5	149	38	
2714	9	53 4.55	24 8 9.8	133	39	
2715	6½	53 6.39	26 59 49.7	561	40	
	6½	6.48	48.9	156	38	
	7	6.50	48.3	152	35	
2716	7½	53 6.86	35 17 52.7	532	39	
2717	9	53 6.88	46 0 35.8	170	14	
2718	8½	53 7.13	43 52 43.5	138	150	
2719	9	53 8.60	43 48 34.3	138	151	
2720	9	53 10.67	58 46 22.6	551	139	
2721	9	53 13.74	46 40 26.7	172	15	
2722	9	53 14.54	39 57 37.3	576	9	
2723	9½	53 20.04	33 56 39.7	563	7	
2724	9½	53 20.47	37 36 19.4	535	53	
2725	9	53 21.69	30 54 2.5	568	45	
2726	8½	53 22.41	65 45 8.0	186†	60	
	8½	22.52	10.0	556	33	
2727	9	53 22.42	53 22 21.7	188†	76	
	9	22.60	20.1	554	117	
2728	7½	6 53 23.17	23 42 45.8	122	48	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2729	9	6 53 23.49	26 59 32.9	561	41	
	9	23.52	34.4	156	39	
	9	23.84	34.2	152	36	
2730	9	53 24.74	57 35 1.0	523	44	
	9	25.06	2.4	551	142	
2731	8½	53 28.13	36 51 12.8	534	42	
	8½	28.18	16.2	535	55	
2732	6	53 28.78	25 14 45.4	149	39	
2733	9	53 28.95	32 55 4.4	570	32	
2734	8½	53 29.44	46 38 51.9	172	13	
2735	9	53 30.06	28 54 21.5	538	37	
	9	30.09	23.7	118	41	
2736	9	53 30.59	56 21 39.4	553	138	
2737	8½	53 33.42	26 32 42.8	152	37	
2738	9	53 33.77	63 0 15.5	574	10	
2739	9	53 35.31	30 5 38.4	566	44	
2740	10	53 35.88	37 35 4.7	535	54	
2741	9½	53 36.55	39 0 19.5	565	45	
2742	9	53 36.66	41 7 30.3	519	150	
	8½	36.89	30.0	578	8	
2743	8	53 38.02	56 47 56.3	183†	98	
2744	9	53 38.38	34 30 55.5	572	17	
2745	8½	53 39.15	27 53 45.2	156	40	
2746	7½	53 42.28	43 37 15.6	138	152	
2747	9½	53 42.39	68 56 58.0	549	113	
2748	8	53 42.54	50 50 57.1	559	33	
2749	2	53 42.77	28 48 10.9	118	42	
	2	42.85	10.7	159	33	
	2	42.92	10.7	538	38	
2750	8	53 42.89	50 35 25.4	559	35	
2751	9½	53 43.23	23 50 5.4	122	51	
	9½	43.23	7.1	122	49	
	9	43.24	5.7	133	40	
2752	9½	53 44.70	36 31 21.7	534	43	
2753	9½	53 46.36	40 12 42.1	519	151	
	9½	46.50	41.0	578	9	
2754	9½	53 47.13	35 15 2.6	532	42	pr.
2755	9½	53 47.18	45 20 9.7	170	15	
2756	7½	53 48.29	35 15 2.9	532	41	sq.
2757	10	53 48.48	53 22 46.2	188†	77	
2758	8	53 48.50	41 51 40.7	100	162	
2759	9½	53 49.32	32 51 31.6	570	33	
2760	8½	53 49.35	46 36 15.8	172	16	
2761	9	53 49.89	58 14 41.0	551	140	
2762	5	53 50.48	33 56 35.1	563	8	
	5	50.49	34.9	572	18	
2763	9½	53 50.80	38 49 51.1	565	46	
	9	50.89	51.5	576	10	
2764	9½	53 50.99	25 10 0.2	149	40	
	9½	50.99	1.1	149	41	
2765	8	53 51.57	49 54 29.3	559	36	
2766	9	53 53.—	24 46 13.2	133	43	
2767	8	53 54.26	42 26 15.5	100	165	
2768	9	53 54.34	26 5 37.1	152	39	
2769	8½	53 55.14	42 6 20.5	100	163	
2770	7	53 56.69	30 49 45.2	568	46	
	6½	56.79	42.7	566	45	
2771	9	53 56.76	57 35 56.5	523	45	
	9	56.97	56.6	551	141	
2772	8	53 57.03	26 13 17.6	152	38	
2773	8½	53 57.90	55 55 22.6	553	139	
	9	57.99	23.8	183†	99	
2774	9	53 58.50	55 20 22.8	553	141	
2775	10	54 0.—	24 42 21.1	133	44	
2776	9	54 1.08	49 25 8.3	136	93	
	9	1.11	5.6	525	110	
2777	8	54 1.32	32 58 36.4	570	34	
2778	9½	6 54 4.01	24 8 47.2	122	50	
	9½	4.09	49.1	133	41	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2779	9½	6 54 5.10	26 53 29.7	561	43	
2780	8½	54 5.54	49 19 7.5	136	92	
	8½	5.76	7.4	525	109	
2781	9½	54 6.—	23 49 35.5	133	42	
	9½	6.08	35.3	122	52	
2782	9	54 8.87	27 42 7.1	118	44	
	9	8.92	7.2	156	42	
2783	9½	54 9.30	38 1 17.7	535	56	
2784	9	54 9.67	39 48 21.2	519	152	
	9	9.75	23.0	576	11	
2785	8	54 10.11	28 47 29.7	118	43	
	8½	10.21	—	538	39	
	8	10.26	30.3	159	34	
2786	8	54 10.74	34 50 52.4	572	19	
	8	10.83	53.5	532	43	
2787	9½	54 12.43	26 57 25.0	561	44	
2788	8	54 12.98	57 24 15.9	523	46	
	8	13.07	15.1	551	143	
2789	9½	54 13.10	54 37 46.0	188†	79	
2790	9½	54 13.52	42 22 20.0	100	166	
2791	9	54 14.28	44 25 41.5	138	153	
2792	8½	54 14.28	36 39 29.5	534	44	
2793	9½	54 16.08	46 35 16.0	172	17	
2794	9	54 17.00	26 54 20.4	561	42	
2795	8	54 17.70	50 50 2.6	559	34	
2796	9½	54 19.36	32 49 58.4	570	35	
2797	9½	54 20.93	61 27 20.7	574	11	
2798	9	54 20.95	46 41 3.1	172	18	
2799	9	54 21.04	49 16 54.8	525	111	
	9	21.10	54.6	136	91	
2800	7	54 24.70	45 55 37.9	170	16	
2801	9	54 30.09	31 21 11.2	568	47	
2802	9½	54 30.19	45 41 58.4	170	19	
2803	9	54 30.39	49 37 54.2	136	90	
2804	8½	54 30.90	41 47 23.6	100	164	
2805	9	54 31.26	45 46 34.0	170	17	
2806	9	54 35.71	33 42 39.4	563	9	
2807	8½	54 36.29	37 34 37.4	535	57	
2808	7½	54 36.71	27 43 12.2	118	45	
	7½	36.74	9.7	156	41	
2809	9½	54 37.08	25 55 51.3	149	43	
2810	7½	54 39.80	48 58 40.6	525	112	
	8	39.93	37.3	136	94	
2811	9	54 41.58	39 49 4.0	576	12	
	9	41.60	4.2	519	153	
	9	41.66	5.6	578	10	
2812	9	54 43.96	59 9 35.0	551	144	
	8½	44.31	34.2	523	48	
2813	9½	54 44.07	23 47 16.8	122	54	
2814	9	54 44.40	61 33 43.9	574	12	
2815	9	54 46.07	69 4 57.2	549	116	
2816	8½	54 46.33	55 44 47.3	553	144	
	8	46.46	45.0	553	140	
	9	46.68	47.3	183†	101	
2817	9½	54 47.—	24 30 37.6	133	45	
2818	9	54 47.54	54 6 57.4	188†	78	
	9	47.56	61.6	554	118	
2819	8	54 47.62	28 13 38.4	159	35	
2820	8	54 48.41	36 38 39.5	534	45	
2821	9	54 49.48	25 54 25.5	149	42	
	8½	49.66	25.4	152	40	
2822	8½	54 51.57	29 31 51.7	538	40	
2823	9	54 51.62	23 42 47.5	122	53	
2824	9	54 51.73	68 47 29.4	549	117	
2825	8½	54 51.99	53 26 39.4	554	119	
	8½	52.04	39.2	188†	80	
2826	7½	54 53.07	52 27 57.3	554	120	
2827	9½	54 56.44	34 10 50.2	572	20	dpl. III. s.
2828	9	6 54 57.29	26 17 11.3	561	45	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl Austr.	Zona	No.	
		h m s	° ′ ″			
2829	8½	6 54 57.42	38 39 38.0	565	47	
2830	8	55 0.81	55 55 59.7	183†	100	
	8	0.83	60.3	553	143	
2831	7½	55 0.86	55 29 56.1	553	142	
	8	0.96	55.3	183†	102	
2832	9½	55 0.90	31 7 46.3	568	48	
2833	9½	55 1.00	43 54 47.5	138	154	
2834	9	55 1.19	37 52 11.7	535	58	
2835	9	55 1.86	59 12 39.1	551	145	
	9	1.95	38.9	523	49	
2836	9	55 2.18	40 17 6.0	578	11	
2837	6½	55 3.88	45 35 46.8	170	18	
2838	7	55 4.10	33 18 13.1	563	10	
2839	8½	55 4.15	29 54 52.6	538	42	
2840	8	55 9.48	50 0 38.0	559	37	
2841	8½	55 9.84	39 25 34.5	519	154	
	8½	9.92	35.6	576	13	
2842	9	55 11.60	65 46 55.2	556	35	
	8½	11.96	54.4	186†	61	
2843	8	55 12.05	29 54 13.0	538	41	
2844	8	55 13.19	27 37 36.9	118	46	
	8½	13.28	36.3	156	43	
2845	8½	55 16.29	31 3 20.9	568	49	
	8½	16.52	17.9	566	46	
2846	9	55 16.69	46 8 44.9	170	21	
2847	8	55 18.60	26 22 23.4	561	46	
	8½	18.65	24.1	152	41	
2848	8½	55 18.73	28 25 57.6	159	36	
2849	9½	55 20.80	52 55 3.8	188†	82	
2850	8½	55 22.33	42 3 56.3	100	168	
2851	7	55 22.95	30 58 10.3	568	51	
	7	23.11	8.7	566	47	
2852	9	55 23.—	24 27 14.1	133	46	
2853	9½	55 23.42	23 40 51.7	122	56	
	9½	23.52	50.3	122	55	
2854	8	55 25.69	27 34 58.8	118	47	
	8½	25.73	56.7	156	44	
2855	9	55 26.97	35 51 25.3	532	44	
	9½	27.15	24.7	534	46	
2856	8	55 27.34	30 53 42.3	566	48	
	7½	27.42	43.8	568	50	
2857	7½	55 27.91	30 30 16.6	566	50	
2858	7½	55 29.24	46 51 2.1	172	19	
	7	29.31	2.2	525	113	
2859	8½	55 29.83	46 1 15.4	172	21	
	8½	29.85	14.5	170	20	
2860	9	55 31.19	71 25 57.3	143	85	
2861	9½	55 32.05	29 58 43.1	538	43	
2862	7½	55 33.35	45 3 19.1	138	156	
2863	8½	55 33.38	25 48 8.4	561	48	
	8½	33.40	10.4	149	44	
2864	9½	55 35.54	32 37 50.5	570	36	
2865	10	55 35.57	46 50 58.7	172	20	
	9½	35.57	60.0	525	114	
2866	9	55 36.40	52 55 51.1	554	121	
	8½	36.48	49.7	188†	81	
2867	8½	55 36.83	38 39 4.4	565	48	
2868	9½	55 37.50	23 25 15.5	122	58	
2869	9½	55 39.62	23 32 22.2	122	57	
2870	8	55 40.91	25 28 8.0	149	47	
2871	8½	55 42.35	25 55 6.5	149	45	
	8	42.38	5.8	152	42	
	8	42.45	6.7	561	49	
2872	9	55 42.45	39 21 56.0	576	14	
2873	8½	55 43.70	24 18 53.2	133	47	
2874	9½	55 45.25	26 20 47.2	561	47	
2875	7	55 46.14	28 18 46.2	159	37	
2876	9	6 55 46.29	44 6 14.0	138	155	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2877	9½	6 55 46.50	32 13 22.8	570	37	
2878	7	55 46.74	40 49 45.6	519	155	
	7	46.82	45.6	578	12	
2879	9	55 47.22	33 39 49.6	563	12	
2880	8½	55 47.25	27 46 33.1	118	49	
	9	47.43	33.5	156	45	
2881	7½	55 48.37	27 35 55.2	118	48	
	7½	48.43	54.7	156	46	
2882	8½	55 48.59	26 47 4.4	152	44	
2883	9	55 49.54	42 4 37.3	100	169	
2884	8½	55 49.61	33 42 8.5	563	11	
2885	9	55 50.66	64 24 22.8	556	36	
	9	50.75	20.9	186†	62	
2886	8½	55 51.60	60 40 53.8	529	93	
	8	51.72	53.7	551	146	
	8	51.73	55.1	574	13	
	8	51.96	55.1	523	47	
2887	9½	55 54.60	53 57 25.4	554	122	
2888	9	55 55.24	32 14 44.3	570	38	
2889	8½	55 57.39	39 38 46.5	576	15	
	8½	57.42	46.0	519	156	
2890	9½	55 57.81	46 5 49.3	170	22	
2891	6	55 57.88	25 2 23.2	133	48	
2892	8½	55 57.90	50 8 42.3	559	38	
2893	8½	55 59.42	26 46 47.8	152	43	
2894	9	55 59.70	30 55 58.0	568	52	
	8½	59.87	57.7	566	49	
2895	9½	56 2.72	45 52 22.4	172	22	
2896	8	56 2.81	77 55 57.5	527	31	
2897	9½	56 4.45	48 25 20.8	136	95	
2898	8½	56 5.28	34 45 9.2	572	21	
2899	7½	56 6.07	25 46 24.9	561	50	
	7½	6.17	26.6	149	46	
2900	8½	56 6.51	30 22 32.1	566	52	
2901	9½	56 6.64	25 3 14.2	133	49	
2902	9	56 7.49	39 17 42.3	576	16	
2903	9	56 8.63	77 17 10.5	191†	28	
	9	8.88	12.1	191†	31	
	9	9.06	13.5	527	34	
2904	9	56 9.50	38 15 4.0	565	49	
2905	9½	56 10.36	29 45 0.7	538	44	
2906	8	56 10.62	35 39 44.0	532	45	
2907	9	56 10.79	27 29 57.0	156	48	
2908	8½	56 10.96	42 42 28.9	100	167	
	9	11.02	28.2	100	170	
	8	11.06	32.8	537	1	
2909	7	56 11.88	33 17 32.8	563	13	
2910	9	56 12.11	37 52 24.5	535	60	
	9½	12.17	23.6	565	51	
2911	8½	56 12.41	35 51 33.3	534	47	
	8	12.46	33.9	532	46	
2912	8	56 12.59	27 30 39.3	156	47	
2913	9	56 12.97	26 43 25.1	152	45	dpl. I.
2914	7	56 13.33	55 33 11.4	553	145	
	7	13.53	10.2	183†	103	
2915	9½	56 13.35	25 1 44.6	133	50	
2916	8½	56 13.75	55 27 16.3	553	146	
	9½	14.20	17.3	183†	104	
2917	6½	56 15.51	56 13 17.3	183†	105	
	6½	15.68	15.3	553	148	
2918	9	56 15.82	57 46 19.0	523	50	
2919	8	56 16.65	37 51 37.4	565	50	
	8½	16.79	35.7	535	59	
2920	9	56 16.66	49 59 9.5	559	40	
2921	9	56 18.40	50 3 35.9	559	39	
2922	8½	56 19.54	53 18 14.0	554	124	
2923	9	56 21.31	45 8 34.0	170	23	
2924	7½	6 56 22.26	30 29 21.8	566	51	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2925	9	6 56 22.95	57 54 54.8	523	51	
2926	8½	56 23.06	34 57 48.9	572	22	
	9	23.35	49.8	532	47	
2927	8½	56 24.61	25 21 25.1	149	49	
2928	7½	56 25.47	23 19 27.9	122	60	
2929	8½	56 26.47	26 47 5.7	152	46	
2930	9	56 26.61	23 52 42.3	159	38	dpl. III.
2931	8½	56 26.79	30 27 0.6	566	53	
2932	9	56 27.05	36 29 49.9	534	48	
2933	8	56 27.10	41 12 40.0	578	13	
	9	27.14	41.4	100	171	
2934	7½	56 27.38	70 19 17.7	549	119	
2935	8½	56 27.95	30 26 12.5	566	54	
2936	9	56 28.78	23 21 25.6	122	59	
2937	10	56 28.90	66 4 26.6	556	37	
2938	9½	56 30.06	61 20 55.7	574	15	
2939	9½	56 30.47	37 51 53.7	565	52	
	9	30.47	51.9	535	61	
2940	10	56 30.63	55 22 53.2	553	147	
2941	8½	56 30.73	29 33 4.2	538	45	
2942	8	56 30.97	53 25 19.5	554	123	
	9	31.30	18.9	188†	87	
2943	8½	56 31.07	25 26 33.0	149	48	
2944	9½	56 31.19	52 24 26.1	188†	83	
2945	8	56 31.54	43 19 24.1	138	157	
2946	9	56 31.91	52 57 28.8	188†	84	
2947	9½	56 32.26	56 17 45.8	183†	106	
	8½	32.44	46.3	553	149	
2948	8	56 32.97	27 40 55.0	118	50	
	8	33.15	55.3	156	50	
2949	9	56 33.60	49 19 46.9	525	115	
	8½	33.73	47.8	559	41	
2950	8½	56 33.62	23 16 53.5	122	61	
2951	9½	56 35.04	52 52 38.3	188†	85	
2952	8½	56 38.12	23 7 52.7	122	63	
2953	9	56 38.56	68 51 8.7	549	118	
2954	9	56 39.21	36 27 22.1	534	49	
2955	9	56 39.89	25 1 44.9	133	51	
	8½	39.89	39.0	149	51	
2956	9	56 40.11	31 11 0.2	568	53	
2957	9	56 43.59	39 18 13.1	574	17	
2958	9	56 44.22	29 12 15.6	538	46	
2959	4	56 44.42	27 45 24.7	118	51	
	3	44.55	25.5	156	51	
2960	7½	56 45.14	74 33 56.8	580	1	
	8½	45.36	54.8	143	86	
2961	8½	56 46.34	53 11 17.6	554	125	
2962	8	56 46.54	40 46 21.7	519	157	
	7½	46.58	23.2	578	14	
2963	9	56 46.58	35 10 38.3	532	49	
2964	9½	56 47.58	60 35 20.6	551	147	
2965	8½	56 48.59	27 31 25.2	156	49	
	8½	48.62	27.4	118	52	
2966	9½	56 49.95	67 3 28.3	556	38	
	9	50.28	26.5	186†	63	
2967	9	56 50.74	57 42 5.1	523	53	
2968	9½	56 53.79	26 5 50.8	561	51	
2969	8	56 53.91	26 30 54.5	152	48	
	7½	53.92	52.6	561	53	
2970	8½	56 54.18	25 31 58.3	149	50	
2971	9	56 54.19	38 14 45.8	565	53	
2972	10	56 54.45	76 58 14.8	191†	30	
2973	8	56 54.78	23 19 9.4	122	62	
2974	8	56 54.92	26 19 30.3	561	52	
	8½	55.05	31.6	152	47	
2975	8½	56 58.07	33 10 49.9	563	15	
2976	9	57 0.06	26 23 19.4	561	54	
	9	0.13	20.5	152	49	
2977	8	6 57 0.26	60 55 29.3	574	14	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2978	9	6 57 0.43	76 58 27.5	527	33	
	9	0.69	26.3	191†	29	
2979	8	57 0.71	40 37 0.8	519	158	
	7½	0.89	4.4	578	15	
2980	9½	57 0.89	40 46 57.3	519	159	
	9½	1.15	56.3	578	16	
2981	9	57 2.52	33 11 7.9	563	14	
2982	7½	57 3.04	35 10 13.3	572	23	
	7½	3.32	13.3	532	48	
2983	7½	57 3.11	77 30 49.7	527	32	
2984	7	57 5.75	48 57 27.3	136	97	
	7	5.76	27.3	525	117	
2985	9	57 5.91	30 27 8.1	566	55	
2986	9½	57 6.77	32 41 23.4	570	39	
2987	9	57 7.76	36 58 54.4	534	50	
	9	7.82	56.2	535	62	
2988	9	57 9.00	28 53 16.8	159	39	
	9	9.23	17.0	538	47	
2989	9	57 9.67	48 58 52.2	136	96	
	9½	9.69	52.9	525	116	
2990	9	57 9.80	28 44 19.1	159	40	
2991	9½	57 10.50	52 57 44.5	188†	86	
2992	9½	57 11.37	48 53 6.0	525	118	
	9½	11.91	4.3	136	98	
2993	8	57 13.09	57 49 41.0	523	52	
2994	8½	57 15.51	28 27 49.1	159	41	
2995	9½	57 17.88	23 7 22.5	122	64	
2996	7	57 18.21	35 22 8.5	532	50	
2997	9	57 18.35	26 21 7.6	152	50	
2998	9	57 19.76	25 0 37.4	133	52	
2999	8	57 22.56	28 6 5.9	118	53	
	8½	22.64	3.6	156	52	
3000	9½	57 22.63	36 20 33.3	534	52	
3001	9	57 23.07	28 10 33.1	118	54	
3002	9½	57 24.62	38 26 11.0	565	54	
3003	9	57 25.32	60 23 47.0	551	149	
3004	9	57 27.70	59 52 1.0	551	151	
3005	9½	57 30.16	34 36 30.6	572	25	
	9	30.18	29.3	572	24	
3006	9½	57 30.42	26 9 31.6	561	55	
3007	9	57 31.34	35 24 29.6	532	51	
3008	7½	57 32.00	60 39 56.3	551	148	
	7½	32.14	58.2	574	16	
	7½	32.14	58.1	529	94	
3009	8½	57 32.64	35 35 46.9	532	52	
3010	9	57 34.06	38 7 55.5	535	63	
3011	9	57 34.10	33 3 20.8	570	40	
	9	34.23	19.7	563	16	
3012	8	57 36.50	44 43 32.3	138	158	
3013	8½	57 36.85	46 3 9.0	172	23	
	9	36.95	10.0	170	24	
3014	9	57 37.48	30 11 1.5	566	56	
3015	9	57 39.86	60 23 14.3	551	150	
3016	7½	57 42.07	40 43 2.1	519	160	
	7	42.24	1.2	578	17	
3017	9	57 42.96	26 3 42.1	561	56	
3018	8½	57 44.17	24 24 10.1	133	54	
3019	9	57 44.21	66 48 57.4	556	39	
3020	9½	57 44.78	36 22 38.9	534	51	
3021	3	57 48.36	23 39 7.1	122	66	
3022	6	57 49.45	51 13 29.5	559	44	
3023	7	57 50.43	49 31 46.2	559	42	
3024	9	57 50.50	43 16 58.9	537	2	
3025	9	57 50.98	56 54 26.0	553	151	
3026	9½	57 52.35	24 26 4.7	133	55	
3027	7½	57 53.57	56 43 46.7	553	150	
3028	9½	57 56.11	47 55 15.3	525	119	
	9	56.29	16.3	136	99	
3029	9½	6 57 56.97	39 21 27.4	576	18	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3030	8½	6 57 57.67	25 8 32.9	133	53	
	8	57.74	34.1	149	52	
3031	9	57 58.89	43 18 21.0	537	4	
3032	9	57 59.37	22 52 18.9	122	65	
3033	9	58 1.71	28 26 23.5	118	55	
	10	1.99	22.6	159	42	
3034	9½	58 1.76	46 31 24.3	172	24	
3035	8½	58 2.76	51 51 34.3	554	126	
	8½	2.87	32.9	559	45	
3036	8½	58 3.75	36 59 27.9	534	54	
	8½	3.82	29.0	535	64	
3037	9	58 4.00	36 25 29.1	534	53	
3038	9	58 6.46	69 11 5.3	549	120	
3039	9	58 6.51	31 22 49.4	568	54	
3040	7	58 9.22	50 17 15.0	559	43	
3041	8½	58 9.90	23 28 21.6	122	67	
3042	8	58 10.08	37 52 46.0	565	55	
	8	10.20	44.4	535	65	
3043	8½	58 10.72	27 52 59.3	159	43	
	8½	10.76	57.6	156	53	
3044	8½	58 12.87	45 37 14.6	170	25	
3045	9	58 14.18	35 31 23.7	532	53	
3046	9	58 14.80	33 5 27.6	563	17	
	9	14.85	27.3	570	43	
	9	14.87	26.3	570	41	
3047	8½	58 15.82	45 20 23.4	170	27	
3048	8½	58 16.05	25 55 39.3	561	57	
3049	9½	58 16.77	31 7 17.8	566	57	
3050	9	58 22.59	25 34 33.8	149	55	
3051	6½	58 23.48	43 13 19.6	138	159	
	7	23.54	19.1	100	172	
	7	23.57	21.3	537	3	
	6½	23.66	21.2	167	2	
3052	8½	58 24.47	54 30 24.3	554	127	
	8½	24.57	20.6	188†	88	
	9	24.78	22.0	183†	107	
3053	7	58 24.75	42 27 3.8	100	173	
	8	24.87	5.2	167	1	
3054	9	58 26.38	46 44 43.9	172	28	
3055	9	58 27.04	26 55 22.3	156	54	
	9	27.18	20.4	152	51	
3056	9½	58 27.13	24 5 40.1	133	57	
3057	9½	58 28.66	33 1 32.0	570	42	
3058	9	58 28.79	64 30 56.8	556	40	
	8½	29.04	56.8	186†	64	
3059	9	58 30.89	43 23 21.4	138	160	
	9	30.99	24.7	537	5	
3060	8	58 31.94	58 12 52.7	523	54	
3061	8½	58 32.51	59 46 56.3	551	152	
3062	9½	58 32.61	45 27 15.5	170	26	
3063	7	58 32.82	61 10 2.7	574	17	
	8½	33.07	0.6	529	95	
3064	10	58 33.10	34 35 17.4	572	27	
3065	9½	58 33.30	24 7 38.4	122	68	
	8½	33.42	39.2	133	56	
3066	10	58 33.46	46 15 4.9	172	27	
	9	33.50	4.7	172	25	
3067	7½	58 34.18	24 54 1.7	149	53	
3068	9	58 37.78	28 39 19.2	159	44	
3069	9	58 38.32	37 37 11.2	535	66	
3070	9	58 39.90	36 19 53.2	534	55	
3071	8½	58 40.70	25 28 10.8	149	54	
3072	8	58 41.09	60 41 3.3	529	97	
	8	41.68	4.6	574	20	
3073	8½	58 43.82	28 50 3.0	159	45	
	8½	44.03	3.2	538	48	
3074	9	58 44.80	47 54 38.3	525	120	
	9	45.03	35.8	136	100	
3075	8	6 58 46.69	54 56 20.8	553	155	
	9	47.15	17.2	183†	108	
3076	9	6 58 46.88	71 51 33.4	143	87	
3077	9	58 46.89	31 37 17.7	568	55	
3078	9	58 46.96	26 27 28.7	561	58	
3079	9	58 49.36	26 53 43.3	156	55	
	9½	49.42	42.5	152	52	
3080	8½	58 50.79	48 48 41.0	136	101	dpl. I. n. pr.
	8½	51.23	43.3	525	121	
3081	8	58 51.13	34 34 14.8	572	26	
3082	8	58 52.73	33 24 20.2	563	18	
3083	8½	58 53.82	57 0 41.1	553	152	
3084	9½	58 54.24	41 3 46.0	100	174	
	9	54.27	45.1	578	20	
3085	8½	58 54.89	26 34 3.0	561	59	
3086	9	58 55.07	69 12 18.7	549	121	
3087	8½	58 55.85	35 8 10.9	572	28	dpl. II. n. sq.
	8½	55.96	10.0	532	54	
3088	8½	58 56.46	30 24 37.8	566	60	
3089	9	58 56.66	29 12 11.0	538	49	
3090	8½	58 56.68	26 50 6.4	152	53	
3091	9½	58 56.70	23 2 10.6	122	69	
3092	9½	58 56.96	29 9 1.2	538	50	
3093	7½	58 56.98	71 51 35.3	580	2	dpl. II. n. sq.
3094	9	58 57.16	54 24 38.1	188†	89	
	9	57.27	39.5	183†	109	
3095	9	58 57.37	32 47 53.1	570	44	
3096	8½	58 57.38	27 19 17.7	156	56	
	8½	57.43	15.5	118	56	
3097	8½	58 57.84	50 14 51.9	559	47	
3098	7½	58 57.85	40 10 33.3	578	18	
	7½	57.93	34.6	576	19	
3099	8½	58 58.49	30 32 35.3	566	59	
3100	8½	58 58.58	23 2 58.7	122	70	
3101	9½	58 59.67	32 3 22.8	568	56	
3102	9	59 0.11	30 48 30.5	566	58	
3103	9½	59 2.00	25 36 27.3	149	56	
3104	9	59 2.42	60 37 32.1	574	18	
3105	9½	59 4.51	37 1 23.5	535	67	
3106	9	59 4.52	24 59 53.9	149	57	
3107	9½	59 7.45	49 30 58.9	525	122	
3108	6½	59 9.08	58 45 51.6	551	153	
	6½	9.09	50.8	523	55	
3109	9	59 10.54	58 41 48.8	551	154	
3110	8	59 11.00	60 57 42.8	529	96	
	7½	11.21	44.6	574	21	
3111	9	59 12.43	46 2 14.4	172	26	
3112	7½	59 13.52	49 53 2.7	559	48	
3113	8½	59 13.85	45 34 4.5	170	29	
3114	8½	59 15.40	28 55 7.8	159	46	
3115	9	59 18.65	51 52 18.9	559	46	
	9	18.87	19.2	554	128	
	9½	18.96	16.6	188†	91	
3116	9½	59 19.95	31 0 49.9	568	58	dpl. III. s.
3117	8	59 21.36	34 4 53.6	563	19	
3118	8½	59 23.58	40 56 14.7	578	19	
	9	23.77	14.4	100	175	
3119	9½	59 25.00	30 58 44.0	568	57	
3120	8	59 25.04	53 52 38.4	188†	90	
	8	25.11	40.4	554	131	
3121	8	59 26.09	39 46 54.1	576	20	
3122	8	59 27.08	56 26 21.7	553	153	
3123	9	59 27.29	43 17 39.1	138	161	
3124	9½	59 28.03	60 35 48.9	574	19	
	9	28.14	48.5	523	58	
3125	9	59 28.41	28 42 42.0	118	58	
	9	28.60	39.2	159	47	
3126	8½	59 28.88	65 41 16.8	186†	67	
	9	28.92	18.2	556	41	
3127	9½	59 28.92	53 32 27.4	554	129	
3128	9	6 59 29.76	44 50 21.8	170	28	
	8½	29.84	22.7	584	1	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3129	8½	6 59 31.65	40 15 52.1	578	22	
3130	8½	59 32.09	30 35 20.1	566	61	
3131	9½	59 32.56	41 18 7.6	100	176	
	9	32.74	7.7	162	1	
3132	7	59 32.70	49 44 41.4	559	49	
3133	8½	59 32.59	79 58 10.9	527	37	
	8½	32.67	10.7	527	35	
	8½	33.31	10.6	191†	33	
3134	9	59 33.86	35 13 23.0	532	55	
3135	9½	59 34.74	36 10 34.4	532	56	
3136	9½	59 36.75	35 56 50.5	534	56	n. pr.
3137	9	59 38.68	35 57 19.7	534	57	s. sq.
	9	38.81	17.6	532	57	
3138	8½	59 38.96	48 41 12.2	136	102	
3139	9	59 39.03	43 24 52.5	138	163	
	9	39.29	51.0	537	6	
3140	8	59 40.66	55 15 28.8	533	154	
	8½	40.83	30.0	183†	111	
3141	9½	59 42.18	41 13 30.9	162	2	
3142	9½	59 42.70	53 21 35.3	554	130	
3143	9½	59 42.98	26 57 37.1	561	62	
	9	43.03	43.6	152	56	
3144	9	59 43.05	27 19 15.6	118	57	
3145	8½	59 43.38	59 14 57.1	523	56	
3146	8	59 44.84	31 47 41.2	570	46	
3147	9½	59 45.74	48 58 16.8	525	123	
3148	9	6 59 46.43	29 30 53.1	538	51	
3149	9	6 59 46.48	37 14 26.8	535	68	
3150	8	59 47.08	41 1 15.0	578	21	
	7½	47.25	15.9	162	3	
	7½	47.26	15.8	100	177	
3151	9	59 47.36	27 16 7.6	156	58	
3152	9	59 48.08	29 30 22.6	538	52	
3153	8½	59 48.18	45 1 19.5	584	2	
3154	9	59 49.02	27 11 39.4	152	54	
	9½	49.31	38.3	561	60	
3155	9	59 50.63	26 25 24.4	561	63	
3156	9	59 50.80	54 58 2.0	183†	110	
3157	8	59 50.93	57 25 11.1	551	155	
3158	9	59 51.93	27 13 50.8	156	59	
3159	8	59 52.17	31 49 13.8	570	45	
3160	8	59 53.50	27 15 45.8	156	57	
3161	9½	59 53.53	24 58 49.5	133	58	
	9	53.60	52.3	149	58	
3162	9½	59 55.61	34 50 42.1	572	29	
3163	9½	59 57.06	24 22 27.7	133	60	
3164	9	59 57.19	35 47 59.7	532	58	
3165	9½	59 57.90	42 21 39.4	167	5	
3166	8½	59 58.02	24 54 44.1	133	59	
	8½	58.05	47.5	149	59	
3167	8	6 59 58.31	26 55 37.7	156	60	
	8	58.34	37.7	152	55	
	8	58.42	35.3	561	61	

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HORA VII.

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1	8½	7 0 0.00	43 23 19.3	138	162	
	8½	0.26	21.4	537	7	
2	9	0 1.31	26 23 24.7	561	64	
3	9	0 1.55	38 15 1.3	565	56	
4	7½	0 2.02	77 36 36.1	191†	32	dpl. II. s. sq.
	7½	2.02	37.2	527	36	
5	8½	0 3.24	65 43 54.2	186†	66	
	8½	3.54	55.3	556	42	
6	6	0 3.95	67 44 39.8	549	122	
7	5½	0 5.15	42 9 11.3	100	178	
	5½	5.17	11.3	167	4	
	6	5.60	12.2	162	4	
8	9½	0 6.36	42 22 41.0	167	6	
9	6	0 7.40	43 26 6.0	138	164	n. pr.
	6	7.49	8.0	537	8	
10	7½	0 9.05	43 26 17.5	138	165	s. sq.
	7½	9.28	16.3	537	9	
11	9	0 9.41	25 36 34.1	149	60	
12	7½	0 9.64	59 16 38.2	523	57	
13	9½	0 9.77	37 35 21.3	535	69	
14	8½	0 11.19	39 44 0.8	576	21	
15	8½	0 12.70	44 28 28.2	584	3	
16	7½	0 14.56	31 20 17.7	568	59	
17	9	0 15.32	47 34 42.5	136	104	
18	9	0 15.87	74 19 37.2	580	3	
	9½	15.99	37.3	143	88	
19	9	0 15.95	35 43 38.1	532	59	
20	9	0 16.12	36 33 7.3	534	58	
21	9	0 16.81	23 1 31.2	122	71	
22	8½	0 17.13	46 13 50.8	172	29	
23	8½	0 17.44	38 27 29.7	565	57	
24	9	0 21.40	25 54 25.3	561	65	
25	9	0 22.32	47 38 10.0	136	103	
26	9	0 23.32	46 41 51.4	172	32	
27	9	0 24.05	59 9 50.7	523	59	
28	9	0 24.98	29 1 38.1	118	59	
	9	25.08	35.9	159	48	
	8½	25.14	37.0	538	54	
29	10	0 28.15	29 0 22.6	159	50	
	9	28.21	32.8	118	60	
30	9	0 28.24	54 56 32.3	553	156	
31	7	0 29.07	52 14 22.7	554	132	
	6½	29.30	23.5	188†	92	
32	9½	0 29.48	42 17 18.7	100	179	
	9	29.51	18.5	167	3	
33	9	0 31.53	42 35 28.2	100	180	
	8	31.61	29.2	167	8	
34	9½	0 32.10	24 22 51.7	133	61	
35	8½	0 32.65	30 19 50.5	566	62	
36	9	0 33.33	42 24 35.0	167	7	
37	7	0 33.98	40 17 46.7	578	23	
38	8½	7 0 34.21	28 52 51.6	159	49	
	8½	34.34	51.7	538	55	
	8½	34.42	53.1	118	61	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
39	8	7 0 34.58	43 32 55.6	138	166	
	8½	34.60	56.7	537	10	
40	8	0 35.20	25 51 30.3	561	66	
41	9	0 36.69	24 49 6.7	133	62	
42	5½	0 38.61	49 24 6.1	525	124	
	5½	38.79	7.5	559	50	
	5½	38.81	5.4	136	105	
43	7½	0 39.12	65 31 32.7	556	43	
	7½	39.13	32.8	186†	68	
	8	39.44	35.3	186†	65	
44	9½	0 39.71	22 52 58.3	122	72	
45	8½	0 40.36	27 6 22.1	152	57	
	8½	40.40	21.7	156	61	
46	9	0 40.75	46 34 59.2	172	31	
47	9½	0 41.24	72 21 32.3	580	5	
48	9½	0 41.59	31 15 5.0	568	60	
49	7½	0 41.81	33 57 20.5	572	30	
	7½	42.08	21.8	563	20	
50	9½	0 42.29	52 3 23.4	188†	93	
51	8½	0 42.41	69 37 46.3	549	124	
52	10	0 42.67	71 4 36.0	143	89	
	9	42.67	37.0	549	125	
	9	43.01	38.0	580	6	
53	8	0 43.74	63 26 11.6	574	22	
	8½	43.83	13.4	556	44	
54	9	0 44.12	38 9 41.8	565	58	
	9	44.16	40.6	535	70	
55	8	0 44.87	55 19 5.7	553	157	
	8	44.94	5.2	183†	112	
56	9½	0 46.18	46 25 35.2	172	30	
57	7½	0 46.20	35 45 3.5	532	60	
58	8½	0 46.80	55 27 26.2	553	158	
	8½	46.92	25.9	183†	113	
59	9½	0 47.24	35 34 24.1	532	61	
60	8	0 48.15	43 23 34.8	138	167	
	8	48.16	36.9	537	11	
61	9	0 48.66	61 46 58.6	529	98	p
62	9	0 50.57	25 7 21.4	149	61	
63	8½	0 51.18	29 44 0.5	538	53	
64	9	0 52.41	72 50 58.8	580	4	
65	9½	0 53.91	23 10 20.4	122	73	
66	9	0 55.25	33 10 43.1	563	22	
67	9	0 56.56	33 47 8.9	563	21	
68	9½	0 56.63	34 35 9.2	572	32	
69	9	0 58.02	44 48 51.9	584	4	
70	9	0 58.15	57 32 33.9	551	156	
71	8½	0 59.15	55 37 27.1	553	159	
	9	59.38	28.5	183†	114	
72	6½	0 59.58	34 35 19.0	572	31	dpl. II. n. pr.
73	8½	1 0.59	25 46 1.9	561	67	
74	8½	1 1.15	24 29 33.1	133	63	
75	9½	1 1.87	67 41 55.7	549	123	
76	8	7 1 2.70	55 45 43.8	183†	115	
	7½	2.86	43.9	553	160	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
77	8½	7 1 3.32	26 36 11.6	152	58	
78	9	1 4.29	45 32 11.8	170	30	
79	9½	1 6.40	24 25 31.6	133	64	
80	8	1 6.42	38 2 36.9	565	59	
	8	6.47	35.8	535	71	
81	8	1 7.78	23 14 9.0	122	74	
82	9	1 8.02	33 23 31.5	563	24	
83	10	1 9.20	42 39 29.8	167	9	
84	9½	1 9.72	22 53 56.4	122	75	
	8½	9.75	56.0	122	76	
85	9	1 9.81	49 27 22.3	136	106	
	9	9.83	22.1	525	125	
	9	9.92	23.3	559	51	
86	6½	1 11.53	30 27 53.3	566	63	
87	9	1 12.00	60 52 35.7	574	23	
88	9½	1 13.53	45 38 31.3	170	31	
89	9	1 13.93	38 58 10.9	576	22	
90	9	1 15.58	33 21 2.0	563	23	
91	8½	1 16.99	38 28 59.2	565	60	
92	8½	1 19.03	37 26 21.7	535	73	
93	9	1 19.46	36 31 48.3	534	59	
94	8½	1 19.62	25 16 43.2	149	63	
	8½	19.79	42.7	149	62	
95	6	1 19.75	58 59 30.3	523	60	
96	9	1 22.97	28 8 34.6	118	62	
	9	23.15	33.6	159	51	
	8½	23.23	33.1	156	62	
97	9	1 23.26	33 26 37.1	563	25	
98	9	1 23.92	39 1 35.4	576	23	
99	9	1 24.47	35 31 51.7	532	63	
100	9	1 24.82	36 39 34.5	534	60	
101	7	1 26.13	40 27 5.2	578	24	
102	9	1 28.16	42 29 43.9	167	10	
103	9	1 29.96	49 29 25.1	525	126	
104	9	1 30.41	41 2 1.9	578	25	
	9½	30.50	0.9	162	5	
105	9	1 30.80	25 47 57.8	561	68	
106	9	1 31.97	31 11 44.2	568	61	
107	8½	1 33.75	26 25 52.1	561	70	
108	9½	1 34.72	45 8 31.9	170	32	
109	8½	1 34.98	36 13 43.2	534	61	
110	9½	1 35.04	37 11 32.1	535	72	
111	9	1 35.59	49 37 45.4	525	127	
	9½	35.72	45.5	559	52	
	9	35.73	44.1	136	107	
112	9	1 36.39	65 22 26.4	556	45	
	9	36.50	24.8	186†	70	
113	9	1 37.67	38 20 8.1	565	63	
114	9	1 37.69	30 5 5.6	566	64	
	9	37.83	4.7	538	56	
115	9½	1 38.59	25 7 30.8	133	66	
	9	38.69	32.8	149	64	
116	8½	1 39.09	45 7 58.4	138	168	
	9	39.13	58.9	170	33	
	9	39.13	59.1	584	5	
117	9	1 41.21	57 26 28.5	551	157	
118	8½	1 41.50	38 18 9.5	565	62	
119	8½	1 42.53	42 48 0.8	167	11	
	8½	42.62	0.0	537	12	
120	7	1 42.97	24 46 4.1	133	65	
121	6½	1 44.91	38 11 28.6	565	61	
122	9½	1 48.29	58 39 4.9	551	158	
123	8½	1 49.54	31 53 51.4	568	62	
	8½	49.56	50.3	570	47	
124	8½	1 50.06	48 53 0.6	525	129	
125	9	1 50.10	27 12 30.1	156	63	
126	9	1 51.36	36 25 19.1	534	62	
127	9½	7 1 51.37	71 6 39.0	549	127	
	10	51.40	35.0	143	90	
	9	51.63	37.5	580	7	
128	9½	7 1 52.02	29 57 16.6	566	65	
	9½	52.19	16.5	538	57	
129	8	1 52.57	35 33 26.5	532	62	
	8	52.64	26.3	532	64	
130	9	1 53.14	29 48 31.3	538	58	
131	8½	1 53.21	37 31 17.8	535	75	
132	9½	1 54.22	31 42 16.2	568	63	
133	9	1 55.07	34 50 46.0	572	33	
134	9½	1 55.50	29 42 19.0	538	59	
135	7	1 56.32	26 27 47.9	561	69	
136	10	1 56.68	34 49 27.7	572	34	?
137	5½	1 58.44	56 33 37.5	183†	116	
	5½	58.64	35.8	553	161	
138	9	1 58.95	36 52 4.4	534	64	
139	7	1 59.68	42 8 8.7	162	7	
	7	59.69	10.1	100	181	
140	8	2 0.59	37 31 0.4	535	74	
141	8½	2 0.70	40 45 29.2	578	26	
142	8½	2 0.98	56 40 22.0	553	162	
	9	1.16	20.6	183†	117	
143	9½	2 1.08	45 12 35.8	584	6	
144	9	2 3.04	32 29 42.3	570	48	
145	9½	2 3.25	34 9 44.4	563	26	
146	9	2 3.57	37 31 7.8	535	76	
147	8½	2 4.04	42 7 13.8	162	6	
	9	4.07	15.0	100	182	
148	7	2 6.04	50 10 12.2	559	55	
149	9	2 6.23	29 46 27.0	538	60	
150	9	2 7.21	30 51 3.2	566	66	
151	6½	2 9.09	23 38 48.6	122	77	
152	8½	2 10.26	49 52 3.8	559	54	
153	8	2 11.92	25 13 7.1	149	65	
154	9½	2 11.97	28 12 42.5	118	63	
155	8½	2 12.22	27 59 41.3	156	64	
	8½	12.24	39.3	159	52	
156	9½	2 12.38	65 23 40.7	556	46	
	9½	12.49	38.7	186†	69	
157	9	2 15.34	40 34 11.2	578	27	
158	9½	2 15.73	25 6 28.5	133	68	
159	9½	2 15.73	23 46 28.5	122	78	
160	8½	2 16.14	49 40 41.9	525	128	
	9	16.22	43.7	136	108	
	9	16.27	43.8	559	53	
161	9½	2 17.48	37 31 34.5	535	77	
162	9	2 18.64	39 6 16.4	576	24	
163	8½	2 18.68	71 12 47.5	549	126	
	9	18.77	46.7	143	91	
	8½	18.81	48.1	580	8	
164	9½	2 18.87	36 28 22.1	534	63	
165	9½	2 19.19	34 11 52.6	572	35	
	9	19.41	53.5	563	27	
166	8½	2 20.29	25 24 33.0	149	66	
167	8½	2 20.35	48 38 48.6	136	110	
168	9	2 20.90	31 35 46.0	568	64	
169	9	2 21.89	26 3 56.4	561	73	
170	8	2 22.60	30 36 2.3	566	67	
171	9	2 22.64	45 4 18.8	170	35	
	9	22.73	20.5	584	7	
172	9	2 22.89	26 8 27.0	561	71	
173	8	2 27.12	45 46 31.3	170	37	
174	8	2 27.31	52 25 3.6	188†	94	dpl. III. pr.
	7½	27.33	6.0	554	133	
175	9	2 27.96	50 6 53.6	559	56	
176	6½	2 29.21	43 25 5.6	537	14	
	7	29.29	3.1	138	169	
177	9	2 30.68	28 4 37.8	118	65	
	9	30.79	35.7	159	54	
	9	30.83	40.4	156	66	
178	8½	2 30.95	26 9 51.1	561	72	
179	9	7 2 31.60	51 11 31.2	559	57	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
180	8½	7 2 34.23	58 38 24.6	551	159	
	8	34.29	26.2	523	61	
181	8½	2 34.80	28 3 64.0	118	64	
	8½	34.87	59.8	159	53	
	8½	34.98	63.3	156	65	
182	9	2 35.81	45 8 20.2	584	8	
	9	35.92	17.7	170	34	
	9	35.98	21.3	584	11	
183	8½	2 37.68	25 5 19.6	149	69	
	9	37.71	17.0	133	67	
	8½	37.75	20.0	149	68	
184	8½	2 38.23	31 39 40.1	568	65	
185	9	2 39.01	43 9 48.6	167	12	
	9	39.05	48.0	100	183	
	9	39.13	50.3	537	13	
186	9	2 39.43	37 49 35.4	365	64	
	9	39.49	34.6	535	79	
187	9	2 41.52	27 58 18.0	156	67	
188	9	2 42.73	25 16 39.1	149	67	
189	9½	2 43.—	46 51 22.5	172	33	
190	8½	2 43.46	27 51 9.4	156	69	
	9	43.47	10.8	118	66	
	8½	43.68	8.2	159	55	
191	9	2 43.61	34 14 37.4	572	36	
192	9	2 44.15	31 51 18.6	570	49	
193	9	2 45.61	52 22 28.8	554	134	
194	8½	2 45.91	31 36 42.9	568	66	
195	8½	2 46.07	33 11 5.8	563	28	
196	8	2 46.52	53 55 40.2	554	135	
	8½	46.61	41.2	188†	95	
197	10	2 48.—	46 59 54.1	172	34	
198	9½	2 49.85	34 15 17.5	572	37	
199	8½	2 50.11	60 16 34.7	551	162	
200	8½	2 51.52	56 40 49.7	553	163	
	9½	51.68	51.0	183†	118	
201	8½	2 51.53	31 27 55.2	568	67	
202	9	2 52.57	37 26 15.0	535	78	
203	9	2 53.11	37 8 35.9	534	65	
	9	53.31	36.9	535	80	
204	9½	2 53.22	30 18 48.6	566	68	
205	9½	2 54.94	47 56 21.0	525	130	
206	9½	2 55.63	31 34 29.5	568	68	
207	9	2 55.84	58 34 23.4	523	62	
	9	55.87	23.6	551	160	
208	8	2 56.19	70 22 46.2	549	129	
209	8½	2 56.46	30 18 19.8	566	69	
210	8½	2 56.76	26 5 9.8	561	75	
211	8	2 57.18	29 14 10.9	538	61	
212	8½	2 59.81	44 36 15.4	584	9	
	9	59.92	14.1	138	170	
213	8½	2 59.87	23 14 7.3	122	81	
214	8½	3 0.51	35 40 43.7	532	65	
215	6	3 1.54	40 41 53.9	578	28	
216	8½	3 2.19	32 11 52.0	570	50	
217	8	3 2.81	66 42 10.9	186†	71	
	7½	2.96	7.9	556	47	
218	8½	3 3.41	72 22 28.9	143	92	
	8½	3.44	31.6	580	9	
219	9½	3 4.—	46 37 59.5	172	35	
220	8	3 4.07	40 20 31.1	578	29	
221	9	3 5.70	38 15 18.9	565	65	
222	8½	3 6.00	60 36 50.5	529	100	
	8½	6.21	50.7	551	161	
	8	6.29	51.4	523	64	
223	9	3 6.21	24 3 6.0	122	79	
	9½	6.29	6.8	133	69	
224	8½	7 3 6.95	49 36 6.6	525	132	
	8½	6.96	4.4	136	109	
225	8½	7 3 8.53	28 0 8.3	156	68	
	8½	8.55	9.6	159	56	
	9	8.59	12.8	118	67	
226	9	3 8.74	51 22 38.2	559	61	
227	9	3 8.92	48 3 14.2	525	131	
	9	9.20	15.4	136	111	
228	8½	3 8.96	35 11 16.8	532	68	
229	9	3 11.14	51 25 4.4	559	60	
230	8	3 11.58	44 51 23.1	584	10	
231	9	3 12.72	31 12 47.3	568	69	
232	9½	3 13.60	40 54 50.5	162	8	
233	8½	3 14.26	23 52 46.8	122	80	
	9	14.34	48.9	133	70	
234	9	3 14.38	32 15 58.1	570	51	
235	8	3 14.57	57 9 19.5	183†	119	
236	9	3 14.88	31 18 7.8	568	71	
237	9	3 17.14	35 45 19.0	532	67	
238	9	3 17.52	45 16 10.4	170	36	
239	8½	3 17.94	34 44 51.4	572	38	
240	2	3 18.46	26 11 46.2	561	74	δ *Canis Maj.*
241	9	3 19.20	45 42 50.1	170	38	
242	8	3 20.01	64 17 56.7	556	48	
	8	20.10	56.9	186†	72	
243	8	3 20.07	34 38 31.0	572	39	
244	7½	3 20.91	35 37 2.0	532	66	
245	9	3 20.97	35 9 36.5	532	69	
246	8½	3 21.01	56 1 46.9	553	164	
247	9	3 21.93	42 49 23.8	537	15	
	9½	22.14	27.6	167	13	
248	7½	3 24.05	31 13 45.9	568	70	
249	7½	3 24.45	72 52 49.8	580	10	
250	9	3 27.57	38 16 9.8	565	66	
251	9½	3 30.71	39 3 26.7	576	26	
	9½	31.09	27.7	565	68	
252	9	3 31.53	45 39 20.7	170	39	
253	8½	3 34.82	59 57 47.2	551	164	
	8	34.84	45.5	523	63	
254	8	3 35.11	61 1 62.6	574	24	
	8	35.21	59.8	529	99	
255	7½	3 36.49	23 50 43.8	133	71	
	7	36.51	43.7	122	82	
256	8	3 37.84	33 10 32.7	563	29	
257	8	3 38.41	26 33 12.8	561	76	
258	8	3 38.68	25 25 12.0	149	70	
259	9½	3 39.47	27 46 41.9	118	68	
260	8½	3 40.—	46 25 12.2	172	36	
261	8½	3 40.27	36 51 25.2	535	82	
	8½	40.39	22.8	534	66	
262	9½	3 40.69	23 9 45.5	122	83	
263	8	3 41.23	51 6 30.8	559	58	
264	10	3 41.48	28 9 31.7	159	57	
265	8½	3 41.59	52 24 50.6	554	137	
266	8	3 42.15	43 40 11.3	537	18	
267	9½	3 42.72	42 7 24.0	100	184	
	9	42.78	22.8	167	14	
	8½	42.93	22.1	162	9	
268	9	3 45.46	37 8 58.5	534	67	
269	8½	3 45.60	40 15 27.6	578	30	
270	9½	3 46.67	53 42 13.3	188†	96	
	8½	46.80	15.5	554	136	
271	8½	3 46.96	29 47 46.9	566	70	
	8½	46.98	46.7	538	63	
272	9½	3 47.—	46 30 31.9	172	37	
273	9	3 47.62	43 13 49.2	537	16	
274	7½	3 49.30	73 21 57.7	580	11	
275	8	3 50.24	43 46 55.8	537	17	
276	9	3 50.56	31 13 20.5	568	72	
277	8½	7 3 52.23	27 17 32.6	156	71	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
278	9	7 3 52.72	39 5 22.7	565	67
	9	52.83	21.4	576	25
279	8	3 54.69	28 49 11.9	538	62
280	8½	3 56.57	73 49 50.1	580	12
281	8½	3 56.98	61 12 34.6	529	101
	8½	57.11	36.5	574	25
282	8½	3 57.20	37 9 26.4	534	68
	8½	57.21	26.0	535	81
283	9	3 58.72	51 26 40.7	559	59
284	9	3 59.07	45 12 2.6	584	12
285	9½	3 59.20	24 16 3.6	133	72
286	9½	3 59.50	45 3 27.0	584	13
	9½	59.67	26.3	170	40
287	9	4 0.03	24 59 24.7	149	71
288	9	4 0.42	52 16 52.3	554	138
289	8½	4 1.86	27 57 36.4	118	69
	8	1.89	36.2	156	70
	8	1.95	35.9	159	58
290	8½	4 2.58	32 48 16.5	570	52
291	9	4 2.94	40 33 28.4	578	31
292	9	4 4.23	27 9 59.2	156	72
	9	4.33	56.8	561	78
293	9½	4 4.40	60 22 45.3	551	163
294	8½	4 4.68	51 26 33.1	559	62
295	9	4 8.54	36 1 7.3	534	69
296	9½	4 9.52	34 38 14.3	572	40
297	8	4 9.96	54 48 37.6	553	165
298	8½	4 12.09	29 6 24.5	538	65
299	9½	4 13.02	76 31 25.2	191†	37
	9½	13.18	26.4	527	40
300	8½	4 13.78	27 9 46.8	561	77
	8½	13.93	48.5	156	73
301	6½	4 13.89	51 46 22.0	559	64
302	9	4 14.91	79 26 35.8	527	38
303	9½	4 15.74	30 41 8.0	566	72
304	9	4 18.13	31 42 36.4	568	74
305	8	4 19.04	70 20 59.6	549	128
306	8½	4 19.23	29 49 8.4	538	64
	9	19.47	8.9	566	71
307	8½	4 20.11	30 45 20.3	566	73
308	7	4 20.14	57 34 55.3	553	167
	8	20.21	56.2	183†	120
309	9½	4 20.34	41 42 40.0	162	10
310	8½	4 22.20	24 6 27.5	122	86
	8½	22.23	26.3	133	73
311	8½	4 22.44	38 26 32.1	565	70
312	8	4 24.05	31 44 0.5	568	75
313	9	4 24.41	37 49 48.2	535	84
314	7½	4 25.36	32 42 14.4	570	53
315	6	4 26.45	79 14 16.7	191†	34
	6	26.71	18.1	527	39
316	9	4 27.69	39 0 38.7	565	69
	9	27.87	39.2	576	27
317	7	4 29.93	52 0 30.3	554	139
	7	29.98	33.1	188†	97
	7	30.09	30.1	559	65
318	9	4 30.05	34 42 20.8	572	41
319	9	4 30.17	23 44 25.1	122	85
320	9½	4 31.59	34 58 7.0	572	42
	9	31.82	7.1	532	70
321	9½	4 31.82	48 31 41.0	525	133
322	9	4 32.30	37 38 54.8	535	83
323	9	4 32.64	31 16 26.0	568	73
324	9½	4 33.55	55 34 41.7	183†	122
325	6½	4 34.23	25 1 47.7	149	73
326	8½	4 34.81	48 43 5.9	136	112
327	9½	4 34.99	24 12 52.2	133	75
328	9	4 35.42	28 14 37.3	118	71
	8½	35.69	36.9	159	59
329	8½	7 4 36.14	25 0 24.8	149	72
330	9	7 4 36.22	23 0 35.3	122	84
331	8	4 36.60	54 22 53.6	554	140
	8	36.62	55.3	553	166
	8½	36.92	53.9	183†	121
332	9½	4 37.56	43 4 26.0	167	15
333	5	4 39.31	39 27 20.2	576	28
334	8½	4 40.59	33 6 41.2	570	54
	8½	40.61	38.3	563	30
335	8½	4 40.94	28 4 23.8	118	70
	8½	41.08	23.8	159	60
336	9	4 41.21	29 42 49.3	538	66
337	9	4 42.99	58 11 4.0	551	166
338	8	4 43.62	27 40 52.1	118	72
339	9	4 44.—	46 56 18.7	172	38
340	8½	4 45.24	59 47 57.6	551	165
	8	45.47	60.4	523	65
341	8½	4 46.16	33 15 8.1	563	31
342	8½	4 46.46	43 29 56.0	537	19
343	9½	4 46.59	24 12 28.2	133	74
344	10	4 47.10	45 8 23.7	584	14
345	8½	4 48.53	35 35 36.9	532	72
346	9½	4 50.06	27 11 8.6	561	79
347	8½	4 51.35	68 3 18.2	549	131
348	8½	4 51.50	47 38 29.2	525	135
349	9	4 54.57	47 19 16.8	525	134
350	9	4 58.17	43 26 34.6	537	20
	9	58.30	33.7	537	21
351	9	4 58.57	27 22 11.9	156	75
352	8½	4 58.65	35 5 7.1	572	43
	8½	58.90	8.5	532	71
353	9	4 58.75	27 28 10.8	156	76
354	9½	4 59.82	53 20 40.1	188†	98
355	7½	5 2.37	35 47 22.9	532	73
356	8½	5 2.55	33 8 14.7	563	32
	8½	2.89	13.8	570	55
357	9	5 3.40	51 45 41.3	559	63
358	8	5 4.16	28 32 44.3	159	62
359	9½	5 4.94	24 4 25.3	122	87
	9½	5.27	26.5	133	76
360	9	5 7.46	63 53 9.2	556	49
361	9	5 14.35	24 8 35.1	133	77
	8½	14.49	36.7	122	88
362	7	5 15.47	45 7 48.3	170	41
	7	15.49	49.7	584	15
363	9	5 17.17	37 25 24.8	535	87
364	6	5 18.24	27 17 18.4	156	74
365	9½	5 19.19	27 9 32.2	561	80
366	9½	5 19.50	46 21 38.6	172	40
367	9	5 19.69	33 49 43.8	572	44
	9	19.74	44.2	563	33
368	9½	5 19.92	40 43 30.9	578	32
369	9½	5 22.30	27 29 58.3	118	73
370	9	5 22.43	75 25 51.5	191†	36
	9	22.58	54.2	527	41
	9	22.84	51.0	191†	35
371	9	5 24.20	25 14 29.2	149	75
372	9	5 25.02	43 48 43.3	537	22
373	7	5 25.34	59 31 3.3	551	167
	7	25.44	4.2	523	66
374	9	5 26.78	25 7 12.7	149	74
	9½	26.80	11.4	133	79
375	10	5 27.29	27 54 41.4	159	61
376	9	5 27.71	38 12 15.6	565	72
377	9	5 28.68	29 45 58.4	538	68
378	9	5 29.98	38 4 51.7	565	71
	9	30.18	48.4	535	85
379	9	5 31.01	31 38 29.2	568	76
380	8	7 5 32.29	29 51 7.9	538	67
	8	32.30	7.1	566	74
	8	32.30	9.0	538	69

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
381	9	7 5 33.16	54 25 43.8	554	141	
382	9	5 33.41	36 27 14.6	534	70	
383	8½	5 33.62	30 54 3.0	568	77	
384	8½	5 34.16	25 55 30.4	561	82	
	8½	34.18	30.1	152	60	
385	8½	5 34.20	56 27 52.1	553	170	
	9	34.41	52.7	183†	124	
386	8½	5 35.69	29 8 36.5	159	63	
387	8½	5 38.97	49 0 56.4	136	113	
388	9	5 39.81	42 7 40.3	167	16	
389	8	5 41.14	30 27 30.1	566	76	
390	9½	5 42.57	29 52 20.5	566	75	
	9½	42.64	18.8	538	70	
391	10	5 43.04	23 53 27.3	133	78	
392	9½	5 43.85	32 40 3.6	570	56	
393	8½	5 44.02	54 16 53.9	188†	99	
	8	44.33	54.8	554	142	
	8½	44.34	54.2	183†	123	
394	9	5 44.26	59 20 48.2	523	67	
	8½	44.44	46.4	551	168	
395	9	5 44.44	56 45 3.8	553	169	
396	8½	5 46.08	25 13 3.8	149	76	
397	9	5 48.31	37 20 48.5	535	86	
398	8½	5 50.13	51 57 19.4	188†	100	
	8	50.25	17.9	559	66	
399	9½	5 50.61	44 47 35.6	584	16	
400	7	5 51.41	57 7 51.4	553	168	
401	8½	5 52.14	25 43 12.6	149	77	
402	9	5 52.25	68 11 45.1	549	133	
403	9	5 54.74	30 58 33.9	568	78	
404	9½	5 56.35	63 48 23.2	556	50	
405	9½	5 58.85	23 20 26.2	122	89	
406	9	6 0.00	26 46 22.7	561	81	
	8½	0.11	23.6	152	59	
	8½	0.15	23.9	152	61	
407	8½	6 0.35	52 10 0.9	188†	101	
	8½	0.48	0.4	559	67	
408	10	6 0.56	36 52 20.4	534	72	
409	9	6 1.53	25 41 9.8	149	79	
410	9	6 1.81	49 24 25.3	525	137	
411	9	6 2.98	53 42 31.3	554	143	
412	8	6 3.24	37 0 38.3	535	88	
	7	3.25	37.6	534	71	
413	9	6 5.57	27 33 45.5	118	74	
	9	5.67	43.1	156	77	
414	9½	6 5.84	26 16 58.3	561	83	
415	9	6 6.76	40 58 47.3	578	35	
	10	7.28	45.2	162	11	
416	9½	6 7.13	53 39 10.5	554	144	
417	9	6 7.60	43 10 54.7	167	17	
	9	7.61	55.8	537	23	
418	8½	6 7.68	46 9 32.8	170	42	
	8	7.80	33.4	172	39	
419	8½	6 8.76	25 42 10.8	149	78	
420	8½	6 9.46	49 38 4.3	525	136	
421	8½	6 9.70	40 9 48.5	578	33	
	8½	9.95	49.3	576	29	
422	9½	6 11.55	43 55 26.8	537	25	
423	9	6 12.48	43 58 52.8	537	24	
424	9	6 12.49	44 46 58.8	584	17	
425	9½	6 12.55	51 51 36.7	559	68	
426	9	6 14.27	39 24 14.8	576	30	
427	9½	6 15.30	34 50 13.7	572	46	
428	9½	6 16.18	23 27 30.2	122	90	
429	8½	6 17.77	35 8 48.6	572	45	
	8½	18.08	49.9	532	74	
430	8½	6 18.03	51 37 11.7	559	69	
431	9½	7 6 18.81	32 25 21.1	570	57	
432	8	7 6 21.65	58 10 15.7	523	68	
	8	21.84	15.0	551	169	
433	9½	6 21.80	57 44 9.5	551	170	
434	9	6 23.51	39 37 4.3	576	31	
435	9	6 24.23	45 17 13.2	170	43	
436	9	6 24.29	57 52 18.0	551	171	
	9	24.67	17.9	523	69	
437	9½	6 24.82	24 11 50.6	133	80	
438	9½	6 24.84	30 32 27.8	566	77	
439	9½	6 25.35	56 30 51.3	553	171	
440	8	6 26.36	27 31 33.1	118	75	
	8	26.43	31.4	156	78	
441	9½	6 26.62	34 45 27.4	572	47	
442	8½	6 26.67	50 7 56.8	559	70	
443	9	6 29.41	29 59 37.3	538	71	
444	9½	6 31.86	42 34 41.0	167	18	
445	9	6 32.62	53 20 32.2	554	145	
	9	32.82	30.2	188†	102	
446	9	6 32.84	35 13 18.9	532	75	
447	10	6 33.22	28 52 32.5	159	65	
448	9½	6 33.74	31 35 56.7	568	81	
449	9½	6 34.02	56 25 57.9	553	173	
450	7½	6 35.19	41 3 30.9	578	34	
	8	35.32	33.4	162	12	
451	8½	6 36.42	68 48 50.2	549	132	
452	9	6 37.18	30 21 25.0	566	78	
453	9½	6 37.79	23 37 17.3	122	91	
454	7½	6 38.76	66 48 52.6	549	130	
	7½	38.96	55.5	556	51	
455	8½	6 39.25	44 21 21.5	584	18	
456	8½	6 40.07	74 17 34.4	580	13	
457	9½	6 40.24	32 1 48.8	568	79	
458	6½	6 41.22	68 38 17.5	549	134	
459	8	6 41.65	34 10 58.8	563	35	
	8	41.70	59.1	572	48	
460	8	6 43.09	47 11 26.8	172	41	
	8	43.18	25.9	136	114	
461	8½	6 43.65	50 13 24.0	559	71	
462	9	6 45.13	34 16 3.3	572	49	
463	8½	6 45.28	32 35 45.9	570	58	
464	9½	6 45.30	34 22 29.9	572	50	
465	9	6 46.16	31 44 35.6	568	80	
466	8½	6 46.85	45 28 46.5	170	45	
467	9	6 46.93	33 39 40.6	563	34	
468	8	6 49.16	56 9 22.8	183†	125	n. pr.
469	9	6 51.84	28 56 29.7	159	64	
470	8½	6 51.88	56 9 49.9	183†	126	s. sq.
471	9½	6 52.64	30 3 29.6	538	72	
472	9	6 55.21	67 5 35.4	549	136	
473	9½	6 56.44	45 22 31.2	170	44	
474	8½	6 56.82	28 47 51.7	159	66	
475	8½	6 57.46	28 11 42.2	159	67	
476	9	6 59.85	23 36 34.7	122	92	
477	9	7 0.37	49 43 58.9	559	72	
478	8	7 1.09	39 3 46.9	576	32	
	8	1.13	46.5	565	73	
479	9½	7 1.26	44 14 40.3	584	19	
480	9	7 1.66	27 30 35.0	118	76	
	9	1.81	35.2	156	79	
	9	1.82	36.0	156	81	
481	9	7 2.18	33 16 32.5	563	36	
482	9½	7 3.25	56 25 4.7	553	172	
483	7	7 3.49	27 7 37.1	561	86	
	7	3.61	36.7	152	62	
484	9	7 4.64	27 5 38.3	561	87	
485	6½	7 5.58	25 44 4.7	149	80	
486	8½	7 5.71	48 16 12.5	136	116	
487	9	7 7 5.88	47 58 53.0	136	115	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
488	9½	7 7 6.40	63 16 33.7	574	26	
489	9	7 7.14	58 53 13.9	551	175	
490	9	7 7.16	43 16 27.7	537	26	
491	7	7 7.88	38 53 45.1	565	74	
	7	7.98	46.0	576	33	
492	9	7 8.37	35 25 24.7	532	76	
493	9	7 10.65	32 35 47.7	570	59	
494	8½	7 11.82	53 19 18.8	554	146	
	8½	11.97	19.2	188†	103	
495	9	7 13.37	49 8 29.7	525	138	
	9	13.55	26.4	136	118	
496	8½	7 14.14	26 16 48.6	152	63	
	8	14.28	47.2	561	84	
497	8½	7 14.46	55 31 15.6	553	176	
498	9½	7 14.82	26 15 26.2	561	85	
499	9	7 15.25	27 39 17.0	118	77	
	9	15.51	16.1	156	80	
500	6½	7 15.32	30 36 50.9	566	79	
	6½	15.41	50.6	566	81	
501	9½	7 16.44	52 54 8.4	554	148	
502	9	7 17.33	41 30 34.0	162	13	
503	8½	7 18.87	30 4 23.3	538	73	
	8½	18.89	26.1	566	80	
504	10	7 19.57	24 44 37.4	133	81	
505	9½	7 20.76	36 22 51.3	534	73	
506	9	7 21.03	37 32 40.8	535	89	
507	10	7 22.25	32 33 9.5	570	60	
508	9	7 22.38	57 22 58.3	551	173	
	9	22.58	59.7	523	71	
509	7	7 22.64	27 15 55.3	156	83	
510	9	7 23.12	38 10 57.9	535	90	
	8½	23.13	59.1	565	75	
	8½	23.23	60.5	535	92	
511	9	7 23.47	52 45 45.9	554	147	
	9	23.56	46.4	188†	104	
512	8½	7 24.33	56 9 56.2	183†	127	
513	5½	7 26.01	48 43 55.5	525	139	
	5½	26.33	54.9	136	117	
514	8½	7 29.02	54 51 34.1	553	174	
515	9	7 29.67	45 40 15.1	170	46	
	9	29.68	15.0	170	47	
516	9½	7 30.92	33 6 4.3	563	37	
517	8½	7 34.92	44 9 34.7	584	20	
518	9	7 37.86	25 55 8.7	561	88	
519	9	7 38.16	27 35 41.5	156	82	
	9	38.16	41.9	118	78	
520	7½	7 39.04	31 46 19.7	568	84	
	7½	39.12	20.5	570	61	
521	9½	7 39.78	36 18 1.6	534	74	
522	7	7 40.75	60 10 35.5	551	176	
523	8½	7 40.85	54 57 30.7	553	175	
524	9½	7 43.65	34 53 12.5	572	51	
	9½	43.94	12.6	532	77	
525	9½	7 44.70	43 37 26.6	537	27	
526	9½	7 45.93	24 34 9.5	133	82	
527	9	7 47.21	30 52 24.7	568	82	
528	9	7 47.93	44 53 55.0	584	21	
529	9	7 49.96	30 55 28.8	568	83	
530	9	7 50.01	38 55 20.9	576	34	
	9	50.15	20.9	565	77	
531	8	7 50.74	24 1 5.2	122	93	
	8½	50.82	6.6	133	83	
532	8½	7 51.47	55 22 55.3	553	177	} dpl.
533	8½	7 52.31	55 22 47.5	553	178	
534	8½	7 54.22	67 44 1.3	549	135	
535	9½	7 54.29	43 14 6.2	167	19	
536	9	7 7 54.94	57 33 48.7	523	70	
	9	55.06	49.7	183†	128	
	9	55.17	48.0	551	172	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
537	9	7 7 55.28	38 35 17.6	565	76	
538	8	7 56.10	37 57 49.0	535	91	
539	9½	7 56.55	28 0 42.2	118	79	
540	9	7 56.69	37 5 27.4	534	76	
541	8½	7 56.96	33 26 30.5	563	38	
542	8½	7 58.29	29 41 58.6	538	74	
543	6½	7 59.49	36 20 4.2	534	75	
544	9	7 59.82	32 40 44.5	570	63	
545	8½	8 0.30	63 33 21.8	556	52	
	8½	0.47	21.8	186†	74	
546	9	8 4.58	46 29 12.6	172	42	
547	9	8 4.87	23 58 45.9	133	84	
	9	5.06	47.1	122	94	
548	9½	8 6.67	36 0 39.1	532	78	pr.
549	8	8 7.04	36 1 27.6	532	80	
550	8½	8 7.27	75 1 57.1	580	14	
	8	7.90	58.8	527	42	
	8½	8.11	57.7	191†	38	
551	6	8 7.37	40 17 18.0	578	36	
552	9	8 7.92	36 0 38.1	532	79	sq.
553	10	8 8.66	28 57 48.8	159	68	
554	9	8 9.54	43 41 52.7	537	28	
555	8	8 9.74	58 47 5.8	523	72	
	8½	9.99	3.9	551	174	
556	9	8 10.19	34 36 29.5	572	52	
557	10	8 10.25	29 0 14.2	159	69	
558	9½	8 11.93	24 20 24.3	133	85	
559	9	8 12.53	32 17 52.4	570	62	
560	8	8 13.19	49 14 35.7	136	119	
	8	13.26	36.7	525	140	
561	9½	8 14.25	55 31 59.4	553	180	
562	8½	8 16.42	62 6 1.9	574	27	
563	9	8 18.36	43 48 0.7	537	30	
564	9	8 19.53	46 25 16.9	172	43	
565	8½	8 20.72	44 37 23.4	584	22	
566	9	8 21.77	60 37 38.3	551	178	
567	9	8 22.42	56 32 43.3	183†	129	
568	8	•8 24.20	30 45 17.1	566	82	dpl. II. pr.
569	9	8 25.22	39 21 0.9	576	36	
570	8½	8 25.94	40 8 5.3	578	37	
	8½	26.08	3.7	576	35	
571	9	8 26.77	41 54 36.0	167	21	
	9½	26.85	34.6	162	15	
	9	26.90	35.9	162	14	
572	9½	8 30.45	31 51 32.0	568	85	
573	9½	8 32.18	56 29 26.7	553	181	
	10	32.56	22.0	183†	130	
574	8	8 32.35	28 58 12.1	159	70	
	8	32.40	12.9	538	75	
575	9	8 32.92	33 34 21.2	563	39	
576	8½	8 33.84	32 37 6.7	570	64	
577	7	8 34.31	27 8 37.5	561	89	
	6½	34.40	38.2	156	85	
	7	34.42	37.6	152	64	
578	8	8 35.20	51 5 24.5	559	73	
579	9	8 35.86	27 16 36.0	156	84	
580	9	8 36.47	47 11 37.7	172	45	
581	10	8 36.87	42 39 25.9	167	20	
582	8½	8 38.08	34 36 16.6	572	53	
583	9½	8 38.30	63 36 18.0	186†	75	
	9½	38.50	18.3	556	53	
584	8½	8 39.76	32 57 56.2	570	67	
585	9	8 41.63	30 48 48.4	566	85	
586	8½	8 43.36	30 46 11.2	566	83	
587	8½	8 44.87	43 40 21.5	537	29	
588	9	8 44.92	60 36 49.7	551	177	
	9	45.03	50.9	574	28	
589	8½	8 44.95	28 23 45.3	159	71	
590	8	7 8 47.90	40 10 47.5	578	38	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
591	8½	7 8 47.97	23 28 9.7	122	95	
592	8	8 48.39	58 38 56.4	523	73	
593	9	8 50.42	26 12 12.6	561	93	
594	8½	8 50.81	27 4 49.8	561	90	
	9	50.94	51.7	152	65	
	8½	50.98	53.0	156	86	
595	9	8 51.31	51 48 35.9	559	74	
596	8½	8 51.63	26 13 52.4	561	92	
597	9½	8 54.21	39 18 7.7	576	37	
598	8	8 54.44	25 53 46.8	149	83	
	7½	54.53	46.2	149	81	
599	9	8 55.75	24 19 35.8	133	86	
600	8½	8 55.77	48 58 18.5	525	143	
	8½	56.01	25.3	136	120	
601	8½	8 57.78	39 56 4.9	576	38	
	8½	57.89	3.7	578	39	
602	7	8 58.81	30 52 13.7	568	87	
	7	58.86	14.0	566	84	
603	5	8 59.85	46 33 2.7	172	44	
604	9	9 0.95	32 34 53.5	570	65	
605	7½	9 1.50	43 40 20.1	537	31	
606	9½	9 3.00	33 59 2.1	572	54	
607	8½	9 3.40	32 1 13.3	568	86	
608	8½	9 4.34	44 49 31.2	170	52	
	8	4.41	29.4	584	23	
	8	4.43	29.7	170	48	
609	8½	9 4.74	54 4 0.6	554	149	
610	8	9 5.62	49 6 57.5	525	142	
	8	5.82	55.1	136	121	
611	7	9 6.02	30 7 33.8	538	76	
612	9½	9 8.37	39 52 4.8	576	39	
	9½	8.39	4.8	578	40	
613	5½	9 9.45	26 8 18.4	561	91	
	5½	9.55	18.2	152	66	
	5½	9.64	19.2	149	82	
614	8	9 9.75	49 36 48.0	525	141	
	8	9.84	46.8	136	122	
	8	10.01	48.7	559	75	
615	8½	9 10.48	28 18 21.8	159	74	
	8½	10.51	20.9	159	72	
616	8	9 11.17	38 16 41.9	565	78	
617	9½	9 12.67	32 44 28.9	570	66	
618	9½	9 13.21	53 1 21.8	188†	106	
619	10	9 13.59	44 57 24.8	170	51	
620	9	9 13.92	53 0 17.6	188†	105	
621	8	9 14.77	27 30 36.2	156	87	
622	9½	9 15.47	55 16 26.8	553	179	
623	8½	9 15.87	29 42 54.1	538	77	
624	9	9 15.98	24 39 23.2	133	87	
625	8½	9 15.99	35 6 19.6	572	55	
	8½	16.33	18.0	532	81	
626	7½	9 16.24	31 25 41.5	568	89	
627	7	9 16.34	33 7 10.6	563	40	
	7½	16.49	13.1	570	68	
628	7½	9 17.03	50 6 28.3	559	76	
629	8	9 17.60	27 57 17.8	156	88	
	8	17.64	17.3	159	73	
630	9	9 17.73	43 43 7.9	537	32	
631	8	9 18.43	64 15 3.1	556	54	
	8	18.48	4.6	186†	73	
632	9½	9 18.77	35 14 31.4	532	82	
633	9½	9 18.88	72 0 32.5	580	15	
634	9½	9 22.27	30 52 5.5	568	88	
635	9	9 22.49	45 42 58.2	170	49	
636	9½	9 23.16	41 51 14.0	167	22	
	9½	23.27	12.5	167	23	
	9½	23.50	11.6	162	16	
637	9	7 9 23.43	24 43 21.1	133	88	
638	8	7 9 24.90	25 5 14.7	149	84	
	8½	24.98	13.5	133	89	
639	9½	9 25.35	63 25 10.0	186†	76	
640	8½	9 25.48	35 52 7.6	534	77	
641	9	9 26.35	23 43 54.3	122	98	
642	9½	9 26.51	26 29 3.2	561	96	
643	8	9 26.71	23 16 26.8	122	96	
644	7	9 28.01	55 56 44.5	553	182	
	7	28.21	44.7	183†	131	
645	5½	9 28.91	44 57 58.9	584	24	
	5½	29.01	57.3	170	50	
646	9	9 30.83	37 43 34.8	535	93	
647	9	9 30.92	26 31 45.9	561	95	
648	8	9 32.10	77 44 39.3	191†	39	
	8½	32.19	40.1	527	44	
649	9½	9 33.31	37 12 56.5	535	94	
650	9	9 37.31	60 23 10.8	523	76	
	9	37.55	9.7	574	29	
651	9	9 40.40	43 52 5.7	537	33	
652	9½	9 40.41	72 2 38.1	580	16	
653	8½	9 40.60	48 34 22.2	136	123	
	8½	40.61	22.3	525	144	
654	8½	9 42.66	24 8 37.1	133	91	
655	9	9 43.21	31 23 46.1	568	90	
656	5½	9 43.39	44 26 12.6	584	25	
657	4½	9 44.36	26 33 26.0	152	67	
	4	44.49	24.8	561	94	
658	9½	9 44.82	36 5 47.4	534	78	
	9½	45.12	47.5	532	84	
659	9	9 45.25	38 48 16.0	565	79	
660	9	9 45.50	52 28 5.4	554	150	
661	6	9 45.67	70 17 36.5	549	138	n. pr.
662	8½	9 46.21	33 10 58.9	563	41	dpl. III. n. pr.
663	7	9 46.91	36 12 43.3	534	79	
	7½	47.11	42.1	532	83	
664	7	9 47.35	30 26 26.4	566	86	
665	8	9 47.70	31 16 41.0	568	91	dpl. II. s. pr.
666	8½	9 47.80	33 21 16.3	563	42	
667	4	9 47.95	70 17 43.6	549	137	s. sq.
668	7	9 48.13	26 49 15.7	152	68	
	6½	48.31	14.9	561	97	
669	8½	9 48.35	58 38 21.4	551	180	
	8	48.63	21.6	523	74	
670	8½	9 50.38	39 58 44.9	578	41	
	8½	50.45	47.1	576	40	
671	9	9 53.12	24 36 6.6	133	90	
672	9½	9 54.91	23 18 40.1	122	97	
673	8	9 58.33	32 20 49.4	570	70	dpl. III. s. pr.
674	9½	10 1.62	36 36 27.7	534	80	
675	9	10 1.66	54 22 14.0	188†	110	
676	9	10 1.75	48 29 56.5	525	145	
	9	1.86	54.2	136	124	
677	10	10 2.00	28 4 57.5	159	75	
678	8½	10 3.30	35 57 5.4	532	85	
679	8	10 4.95	53 40 49.7	554	151	
	7½	5.00	48.6	188†	107	
680	8½	10 5.31	48 3 13.3	525	146	
681	9½	10 5.66	23 36 52.3	122	99	
682	9	10 6.99	39 28 5.7	576	41	
683	9	10 7.92	57 20 1.6	553	184	
684	9	10 8.35	37 50 52.4	565	81	
685	9	10 10.57	29 27 37.6	538	79	
686	9	10 11.26	45 32 18.2	170	53	
687	9	10 11.51	75 36 59.5	191†	40	
688	8	10 12.07	58 11 32.5	551	181	
689	8½	10 12.82	29 58 26.6	538	78	
	8½	12.85	26.7	566	87	
690	9	7 10 13.81	24 16 23.0	133	92	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
691	8½	7 10 14.01	35 1 54.0	572	56	
	8½	14.05	53.8	572	58	
692	9½	10 14.17	55 23 6.1	183†	133	
693	8½	10 14.86	37 7 5.4	534	81	
	9	14.94	4.8	535	95	
694	8½	10 16.60	25 42 30.0	149	85	
695	8½	10 17.00	46 44 45.3	172	46	
696	8½	10 17.90	32 35 10.8	570	69	
697	8½	10 18.15	23 29 19.3	122	100	
698	8½	10 18.95	59 37 34.8	523	75	
	8½	19.19	33.9	551	179	
699	8	10 20.31	28 8 50.9	159	76	
	8	20.37	48.3	156	89	
700	8½	10 22.37	36 8 33.5	532	87	
701	9	10 22.89	40 42 57.0	578	42	
702	7	10 22.99	37 1 42.8	535	96	
	7	23.25	41.9	534	82	
703	9	10 26.08	57 0 53.4	553	185	
704	9	10 27.11	28 17 4.4	159	77	
705	9	10 27.48	58 1 22.7	551	182	
706	8½	10 27.81	78 34 57.7	527	45	
	8½	28.09	57.3	527	43	
707	7	10 30.67	57 16 32.0	553	183	
708	6	10 31.19	30 28 7.2	566	88	
709	9	10 31.48	66 6 43.6	556	57	
710	8	10 31.62	48 5 1.6	525	147	
	8	31.86	0.5	136	126	
711	9½	10 31.83	24 20 53.8	133	93	
712	8½	10 31.94	37 2 8.8	535	97	
	8	31.97	9.9	534	83	
713	10	10 32.25	54 20 56.9	188†	109	
714	7½	10 32.26	46 6 35.2	170	54	
715	9	10 32.47	36 47 3.6	534	84	
716	7	10 32.67	23 31 19.2	122	101	
717	8½	10 32.75	27 12 17.2	156	90	
	8½	32.83	14.4	152	69	
718	9	10 32.79	31 41 31.0	568	95	
719	9½	10 32.91	44 26 47.6	584	26	s.pr.
720	9	10 33.85	34 11 24.0	572	57	
721	8	10 33.91	41 59 51.4	167	24	
	8½	33.96	48.0	162	17	
722	9	10 34.14	31 43 12.4	568	93	
723	9	10 34.23	44 26 44.8	584	27	n.sq.
724	8½	10 34.38	26 38 17.4	561	98	
	9	34.48	19.8	152	71	
725	9½	10 36.72	72 6 16.5	580	18	
	9½	36.88	15.1	580	17	
726	9½	10 37.93	41 53 15.0	162	18	
	9½	38.25	17.0	167	25	
727	9	10 39.03	31 44 43.4	568	94	
728	9	10 39.36	25 32 17.5	149	86	
729	7½	10 43.85	36 0 27.3	532	86	
730	8	10 45.06	40 57 4.9	578	43	
	8	45.09	5.6	162	19	
731	8½	10 45.87	38 21 46.8	565	80	
732	7	10 45.96	50 15 19.9	559	77	
733	7	10 47.68	66 51 20.9	556	55	
	7½	47.80	18.9	186†	78	
734	10	10 47.77	55 25 11.4	183†	134	
735	8½	10 48.10	46 53 35.8	172	47	
736	9	10 48.10	31 19 51.3	568	92	
737	9	10 48.78	55 21 22.3	553	187	
	9½	48.85	21.8	183†	132	
738	9½	10 49.19	25 32 33.5	149	87	
739	9	10 50.97	40 25 53.6	578	44	
740	7	10 51.03	53 27 7.7	554	152	
	7	51.11	6.0	188†	108	
741	6½	10 51.19	62 58 35.1	574	30	
742	9	7 10 51.37	37 48 18.5	535	99	
	8½	51.38	19.4	565	82	
743	8	7 10 51.51	27 13 39.0	156	91	
744	9½	10 52.08	37 14 29.3	535	98	
745	6	10 52.65	41 12 30.3	162	20	
746	9½	10 55.29	66 53 21.9	556	56	
747	8½	10 55.96	32 51 32.5	563	43	
748	9½	10 57.33	43 27 26.2	537	36	
	9	57.35	24.7	537	34	
749	9	10 58.91	39 37 53.6	576	42	
750	9	10 59.59	43 30 26.2	537	35	
751	9½	11 1.65	37 49 25.5	535	100	
752	8	11 1.72	26 36 11.3	561	99	
	8	1.81	10.1	152	70	
	8½	1.82	12.9	152	72	
753	8	11 1.77	36 20 31.5	534	85	
754	8½	11 2.89	46 55 2.6	172	48	
755	9	11 2.99	54 41 0.4	188†	112	
	8½	3.17	1.3	554	153	
	9½	3.32	1.7	183†	135	
756	8½	11 5.05	60 45 12.6	574	32	
757	8½	11 5.63	29 16 22.2	538	80	
758	7½	11 6.98	67 44 55.9	549	143	
759	9	11 7.01	35 42 2.8	532	90	
760	9	11 7.32	62 52 16.5	574	31	
761	8½	11 7.44	35 28 53.6	532	89	
762	9	11 7.63	29 16 3.9	538	81	
763	9	11 8.25	56 30 30.8	553	186	
764	6	11 10.66	46 37 52.6	172	49	
765	5	11 11.33	48 3 14.9	525	148	
	5	11.47	12.9	136	125	
766	9½	11 13.72	24 54 16.9	149	88	
767	9½	11 14.01	37 53 42.7	565	83	
	9	14.05	39.8	535	101	
768	9	11 15.42	32 23 13.6	570	71	
769	7½	11 15.75	30 12 54.9	566	89	
770	9½	11 15.94	60 14 28.0	551	185	
	9	16.11	25.9	523	77	
771	8	11 16.12	29 54 41.9	566	90	
772	10	11 17.33	68 52 36.7	549	140	
773	10	11 18.63	28 3 56.3	159	78	
774	9½	11 20.52	32 5 34.2	568	98	
775	5	11 20.76	23 5 39.6	122	102	
776	9½	11 21.01	68 51 54.3	549	141	
777	8½	11 21.80	23 36 21.4	122	104	
778	8½	11 21.97	35 35 40.0	532	88	
779	9	11 21.99	27 32 28.9	156	92	
780	9	11 22.05	32 23 30.8	570	72	
781	9½	11 22.46	44 56 58.6	584	29	
782	7	11 22.55	23 5 29.8	122	103	
783	7	11 22.82	41 52 7.8	167	26	
	7	22.84	6.5	162	21	
784	9	11 25.38	70 8 13.0	549	139	
785	9	11 25.40	32 6 58.6	568	97	
	9	25.53	58.8	570	73	
786	9	11 25.86	29 7 46.8	538	82	
787	9½	11 26.23	23 45 52.0	122	105	
788	9½	11 27.05	44 56 18.0	584	28	
789	9	11 28.31	57 55 28.7	551	183	
790	9	11 30.15	34 31 8.1	572	59	
791	8½	11 30.23	59 50 34.6	523	78	
	8½	30.28	33.0	551	186	
792	9	11 30.46	34 5 60.1	572	60	
	9	30.61	58.1	563	44	
793	9	11 30.67	27 6 16.9	561	102	
794	8	11 32.14	54 34 63.4	553	188	
	8½	32.17	62.5	188†	113	
	8	32.17	63.3	554	154	
	8½	32.20	59.9	188†	111	
	8½	32.23	63.8	183†	136	
795	9½	11 32.98	50 38 43.0	559	78	
796	7	7 11 33.98	31 49 14.4	568	96	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
797	9½	7 11 34.15	51 59 1.3	559	79	
798	5½	11 34.56	27 39 40.7	156	93	
799	9	11 35.35	23 52 22.0	122	106	
	9½	35.36	21.3	133	94	
800	9½	11 36.56	47 55 28.6	525	149	
801	7½	11 36.91	41 56 1.8	162	23	
	8	36.97	2.7	167	27	
802	9	11 37.17	78 12 58.4	527	46	
803	9	11 38.66	64 26 52.6	186†	77	
804	9	11 39.21	27 4 34.1	561	100	
	9	39.26	32.9	152	73	
805	9	11 39.80	27 0 56.7	561	101	
806	7½	11 40.17	24 56 13.8	149	89	
807	9½	11 43.22	34 3 20.7	572	61	
808	9	11 44.31	27 35 33.8	156	94	
809	9	11 46.04	60 32 40.1	551	184	
810	9	11 46.68	68 37 13.7	549	142	
811	8½	11 47.54	28 26 59.1	159	79	
812	9½	11 47.57	29 9 9.3	538	83	
813	9½	11 47.76	24 2 23.4	133	95	
814	9	11 51.05	36 14 7.8	534	86	
815	9½	11 52.47	29 7 1.8	538	84	
816	9	11 52.64	30 0 36.7	566	92	
817	9	11 52.79	40 48 59.8	578	45	
818	9	11 52.83	50 14 57.6	559	81	
819	9	11 52.86	42 56 57.5	537	37	
820	7½	11 54.03	41 55 9.5	162	22	
	7½	54.07	10.0	167	28	
821	9	11 54.50	36 31 48.5	534	87	
822	7½	11 55.22	75 50 21.8	191†	41	
	8	55.64	24.0	527	48	
823	8½	11 55.73	38 38 25.1	565	84	
824	8	11 55.94	30 4 55.6	566	91	
825	8½	11 57.42	24 7 47.4	122	107	
	8½	57.66	46.4	133	96	
826	9	11 57.48	53 13 45.0	554	155	
827	9½	12 0.05	35 40 12.8	532	91	
828	9	12 1.09	38 4 34.4	535	103	
829	9	12 1.86	45 45 43.6	170	55	
830	8½	12 3.55	48 0 54.0	136	127	
	8	3.59	55.1	525	150	
831	9	12 4.40	46 30 11.7	172	50	
832	10	12 5.97	24 1 47.7	133	97	
833	9½	12 6.58	44 58 36.5	584	30	
834	9	12 7.03	32 39 53.3	570	75	
835	7½	12 7.43	75 5 34.9	580	20	
	8½	7.72	35.9	527	49	
	8	7.97	34.9	191†	42	
836	9	12 7.95	62 59 58.9	574	33	
837	8½	12 9.17	40 42 34.5	578	46	
838	7½	12 9.17	28 22 37.2	159	80	
839	8½	12 10.25	42 7 35.4	167	31	
	9	10.27	35.3	167	29	
840	8½	12 10.77	25 33 3.3	149	90	
841	9	12 11.76	27 42 41.2	156	95	
842	9	12 12.37	59 53 12.3	551	187	
	9	12.65	12.8	523	79	
843	6½	12 12.47	38 5 48.3	535	102	
	6	12.58	49.8	565	85	
844	7½	12 15.75	67 33 34.4	549	144	
845	8½	12 16.54	30 11 27.5	566	93	
846	8	12 19.20	32 49 23.1	563	45	
	8	19.34	22.5	570	74	
847	8	12 19.51	45 40 29.0	170	58	
848	8	12 20.03	28 49 14.3	538	86	
849	9½	12 21.67	54 42 19.4	183†	137	
	9½	21.77	21.0	553	189	
850	8½	12 22.33	72 7 44.5	580	19	
851	5½	7 12 22.51	36 22 12.1	534	88	
852	9½	7 12 23.49	45 18 32.9	170	56	
853	9½	12 23.58	39 22 46.7	576	43	
854	6½	12 23.64	52 16 58.4	554	158	
855	9	12 24.53	22 57 33.6	122	109	
856	7½	12 25.71	50 16 40.9	559	82	
857	8½	12 26.09	46 23 12.0	172	51	
858	7½	12 26.16	28 54 25.5	538	85	
859	10	12 26.76	51 40 32.8	559	80	
860	7½	12 28.33	64 39 23.0	186†	79	
	7½	28.65	21.1	556	58	
861	9½	12 29.66	67 26 43.8	549	145	
862	9	12 31.99	37 52 11.9	535	104	
	9	32.11	11.8	565	86	
863	9	12 32.77	22 58 0.7	122	110	
864	8½	12 33.91	41 56 18.0	162	24	
	8½	33.99	19.1	167	30	
865	9½	12 34.47	45 43 50.2	170	57	
866	8½	12 35.83	26 27 0.3	561	103	
	8½	35.92	2.1	152	76	
	8½	36.00	1.2	152	74	
867	9	12 37.29	30 19 18.6	566	94	
868	9½	12 38.17	71 52 14.2	580	21	
869	9	12 38.63	44 57 28.6	584	31	
	9	38.78	28.7	584	32	
	9	38.80	27.5	170	59	
870	9	12 38.74	46 31 54.4	172	54	
871	6	12 39.24	46 33 11.5	172	52	
872	8½	12 39.37	58 55 54.1	551	189	
	8½	39.38	52.8	523	80	
873	8	12 39.78	25 45 44.1	149	92	
	8	39.87	44.8	149	91	
874	9	12 39.90	31 33 33.5	568	99	
875	8½	12 40.79	36 53 24.5	534	91	
876	8½	12 42.65	62 49 1.4	574	84	
877	9	12 43.12	32 39 29.5	570	76	
878	7	12 43.40	26 34 20.3	561	104	
	7	43.48	23.3	152	75	
879	3	12 43.78	36 52 27.1	534	90	
	3	43.92	27.5	535	105	
880	9½	12 44.10	35 2 53.2	572	63	
881	9	12 45.27	36 37 5.2	534	89	
882	7½	12 46.01	60 51 2.0	574	36	
883	8½	12 46.78	46 34 14.0	172	53	
884	9	12 47.12	29 17 18.2	538	87	
885	9	12 47.71	49 39 57.1	525	151	
886	9½	12 48.29	33 56 11.2	572	62	
887	8½	12 49.02	28 3 39.9	159	81	
	8½	49.10	40.3	156	96	
888	9½	12 49.35	44 52 41.5	584	33	
889	9½	12 49.47	53 14 28.7	554	156	
890	9	12 49.86	31 53 31.6	568	101	
	9	50.38	31.3	570	78	
891	8½	12 50.84	48 4 19.0	525	153	
892	9	12 51.58	59 2 49.2	523	81	
893	9	12 53.60	36 3 44.6	532	92	
894	9	12 54.91	31 55 14.7	568	102	
	9	55.12	13.2	570	79	
895	8½	12 55.49	34 57 43.3	572	64	
	8½	55.84	41.2	532	94	
896	9	12 55.82	29 22 42.8	538	88	
897	8½	12 55.85	55 28 46.2	553	193	
	9	56.05	47.0	183†	140	
898	8	12 56.31	48 6 22.9	525	152	
899	8	12 56.53	53 22 49.7	554	157	dpl. II.
900	9	12 59.09	46 21 44.8	172	56	
901	9½	12 59.47	78 20 16.4	527	47	
902	9	13 1.99	33 22 6.8	563	46	
903	8½	13 2.01	36 45 41.8	534	92	
904	9	7 13 2.27	26 40 1.6	561	105	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
905	9	7 13 2.60	28 29 52.1	159	82	
906	8½	13 3.88	60 2 31.4	551	188	
907	9½	13 3.99	44 48 49.1	584	34	
	9½	4.06	45.3	170	60	
908	7½	13 4.15	49 49 31.4	559	85	
909	9	13 5.75	41 57 28.3	162	25	
	9	5.81	30.8	167	33	
910	9	13 6.35	41 10 2.9	162	27	
	8	6.39	3.6	578	47	
911	8½	13 6.71	31 27 59.2	568	100	
912	8½	13 8.39	36 59 9.2	535	106	
	8½	8.65	9.3	534	93	
913	9	13 8.58	54 16 2.1	188†	114	
914	9	13 8.72	54 38 42.0	553	190	
915	7½	13 8.82	40 26 9.1	578	48	
916	7½	13 9.28	38 48 0.7	565	88	
	7½	9.57	2.1	576	45	
917	7	13 9.71	38 41 24.1	565	87	
918	8½	13 10.61	28 42 54.3	159	83	
919	9	13 11.12	43 15 30.8	537	38	
920	8½	13 11.53	23 19 52.4	122	108	
921	9½	13 11.75	24 18 48.4	133	98	
922	9	13 12.09	54 49 23.4	553	192	
923	8½	13 12.42	38 29 5.4	565	89	
924	9	13 12.46	33 13 8.9	563	47	
925	8½	13 12.61	32 34 2.3	570	77	
926	8	13 13.03	30 13 38.8	566	95	
927	7½	13 13.20	30 42 44.7	566	96	
928	9	13 17.30	35 54 59.8	532	93	
929	9½	13 19.44	22 52 54.1	122	111	
930	7½	13 20.46	54 44 25.1	553	191	
	7	20.50	21.0	188†	115	
	8	20.74	22.7	183†	138	
931	9½	13 20.73	22 54 35.3	122	112	
932	9½	13 22.16	34 26 3.8	572	65	
933	9	13 22.77	31 48 55.8	568	103	
934	7	13 22.95	58 19 14.1	523	82	
	7	23.09	15.0	551	190	
935	7½	13 23.64	53 49 7.0	188†	117	
	7½	23.92	11.7	554	162	
936	9	13 23.80	39 17 8.3	576	44	
937	8½	13 23.89	72 32 21.7	580	22	
938	8½	13 23.92	29 16 29.6	538	89	
939	8	13 25.16	55 30 45.4	553	194	
	8½	25.39	44.6	183†	139	
940	8½	13 25.95	36 56 3.7	535	107	
	8	25.95	2.4	534	94	
941	8	13 27.81	41 54 2.1	167	32	
	8½	27.90	0.1	162	26	
942	6	13 28.18	24 19 55.1	133	100	
943	8½	13 28.88	62 50 40.1	574	35	
944	9½	13 30.42	30 35 20.9	566	98	
945	9½	13 30.77	26 38 42.6	561	106	
946	8½	13 30.84	54 0 11.2	188†	116	
947	8	13 31.93	53 5 50.8	554	159	
948	9	13 32.32	40 1 40.3	578	49	
949	9½	13 32.79	24 25 20.4	133	99	
950	8	13 32.80	46 28 11.4	172	55	
951	9	13 33.50	33 14 18.1	563	48	
952	9	13 34.27	35 23 17.6	532	96	
953	9	13 35.09	24 25 39.4	133	101	
954	9	13 35.67	27 30 50.3	156	97	
955	7½	13 35.86	58 34 58.2	551	191	
956	9	13 37.73	29 24 22.4	538	90	
957	9	13 39.68	32 3 2.7	568	106	
	9	39.94	1.7	570	80	
958	9	13 40.13	35 37 25.4	532	95	
959	9	13 41.77	26 46 29.5	561	108	
960	9	7 13 42.19	43 22 4.3	537	39	
961	8½	7 13 42.71	29 4 4.8	159	86	
	8½	42.73	6.8	538	91	
962	8½	13 42.75	50 4 40.1	559	83	
963	8½	13 42.91	23 32 49.7	122	113	
964	7	13 43.26	30 34 17.5	566	97	dpl. I.
965	9	13 43.27	26 43 26.3	561	107	
	9	43.31	27.9	152	79	
966	6	13 45.86	26 21 30.1	561	111	
	6½	45.97	29.3	152	77	
967	8½	13 46.01	50 0 19.5	559	84	
968	7½	13 47.73	32 7 10.6	568	104	
	7	47.87	10.8	570	81	
969	9	13 47.89	28 46 36.8	159	84	
970	9	13 48.47	45 35 16.7	170	61	
971	9	13 50.22	31 55 25.6	568	105	
	9	50.49	26.5	570	82	
972	9	13 50.67	53 12 45.8	554	160	
973	9½	13 51.25	73 56 59.1	580	23	
974	9	13 51.41	26 42 44.7	561	109	
	9	51.53	45.9	152	78	
975	5	13 52.02	36 30 25.4	534	96	
976	8½	13 53.38	27 39 56.3	156	99	
977	8½	13 53.52	55 52 57.8	553	196	
978	7½	13 54.59	46 46 25.6	172	57	
979	9	13 54.82	45 35 3.4	170	62	
980	8	13 55.72	30 59 52.4	566	99	
981	9½	13 56.35	27 43 34.1	156	98	
982	9	13 56.38	43 46 30.7	537	40	
983	9½	13 58.35	64 43 30.6	186†	80	
	9½	58.63	29.4	556	59	
984	8½	14 0.80	53 45 19.9	188†	118	
	8½	0.81	20.7	554	161	
985	9½	14 0.90	25 17 24.4	149	94	
986	8½	14 1.26	25 20 16.1	149	93	
987	8	14 1.39	39 51 19.2	576	46	
	8	1.51	19.2	578	50	
988	8½	14 5.69	48 8 32.0	525	155	
989	8½	14 6.07	36 32 30.9	534	97	dpl. II.
990	8½	14 7.69	40 34 20.3	578	51	
991	9	14 7.73	64 47 39.9	556	60	
	10	8.23	40.2	186†	81	
992	8	14 8.63	55 42 51.4	553	195	
	9	8.87	50.5	183†	141	
993	10	14 9.08	24 27 30.4	133	102	
994	9	14 9.61	31 38 11.6	568	107	
995	9	14 9.68	26 37 33.9	561	110	
996	9	14 10.17	45 34 15.0	170	63	
997	5½	14 11.71	36 30 53.0	534	98	
998	6½	14 12.15	43 45 33.7	537	41	
999	9	14 13.01	47 20 43.6	525	154	
1000	8½	14 13.64	36 59 50.9	535	108	
	8	13.80	50.0	534	95	
1001	8	14 14.22	28 46 58.7	159	85	
1002	9½	14 17.14	46 51 22.9	172	58	
1003	9	14 17.58	26 17 32.0	152	81	
	9	17.70	30.5	561	112	
1004	6	14 17.76	38 58 58.0	565	90	
	6	17.83	58.8	576	47	
1005	8	14 18.13	67 27 27.1	198†	1	
	9	18.65	27.4	549	146	
1006	9½	14 23.47	23 47 40.5	122	114	dpl. III.
1007	9	14 25.93	62 57 23.6	574	37	
1008	8	14 26.05	41 43 49.2	162	28	
1009	9	14 27.97	56 12 9.0	183†	142	
1010	9	14 29.93	43 28 30.5	537	43	
1011	9	14 32.85	29 6 2.1	159	87	
	9	33.12	2.0	538	92	
1012	9	14 33.20	33 34 59.5	563	49	
1013	9	7 14 33.26	30 18 27.7	566	100	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
1014	8	7 14 33.42	34 57 18.8	572	67
	8	33.51	19.2	532	97
1015	8½	14 34.32	26 20 27.6	152	80
	8½	34.36	28.6	561	113
1016	7	14 34.57	33 29 51.0	563	50
1017	8½	14 34.70	42 14 9.8	167	34
1018	9½	14 35.07	50 48 51.6	559	88
1019	9	14 37.45	23 50 12.6	122	115
	9	37.48	11.0	133	104
1020	9	14 39.75	43 41 47.2	537	42
1021	8½	14 41.20	34 36 47.9	572	68
1022	8	14 41.80	57 47 12.9	523	83
	8	41.96	12.0	551	192
1023	9	14 42.73	33 34 59.7	563	51
1024	9½	14 43.02	27 37 46.1	156	101
1025	8½	14 43.87	35 56 15.6	532	98
1026	8	14 44.82	34 48 20.5	572	66
1027	9½	14 45.29	41 15 10.4	162	29
1028	8	14 47.50	37 48 34.0	535	112
	7½	47.51	33.8	565	91
1029	8½	14 48.09	37 5 25.5	534	99
	8½	48.13	26.0	535	109
1030	8	14 48.49	48 50 42.5	525	156
	8	48.80	42.1	136	128
1031	8½	14 49.07	42 12 53.0	167	35
1032	8½	14 49.94	24 11 6.8	122	117
	8½	50.08	4.8	133	103
1033	9	14 51.93	23 51 15.8	122	116
	9½	52.19	17.2	133	105
1034	9	14 52.21	27 43 24.2	156	100
1035	8½	14 54.24	27 29 17.7	156	102
1036	9½	14 54.54	35 51 18.3	532	100
	9½	54.59	19.5	534	100
1037	8½	14 54.87	28 46 52.1	159	89
1038	8½	14 58.87	46 35 36.7	172	59
1039	9	14 59.26	54 16 11.1	554	163
1040	9	15 0.88	25 38 2.5	149	95
1041	8	15 2.41	50 49 0.0	559	89
1042	8½	15 2.74	67 50 32.5	549	147
	8	2.95	35.2	199	1
	8	3.00	32.8	198†	2
1043	8	15 3.83	37 16 34.6	535	110
1044	8	15 3.89	30 23 36.6	566	101
1045	9½	15 4.40	44 55 40.2	584	35
1046	9	15 5.25	39 52 44.0	576	48
	9	5.42	43.4	578	52
1047	9½	15 5.61	31 34 4.4	568	108
1048	9	15 5.93	64 25 6.1	556	62
	9	6.32	6.9	186†	82
1049	8	15 7.59	51 48 13.4	559	86
1050	9	15 7.70	32 6 27.6	568	111
	9	7.95	29.1	570	84
1051	9½	15 7.76	51 55 16.2	559	87
1052	10	15 8.46	42 47 57.3	167	36
1053	8½	15 10.44	29 59 30.4	538	93
	9	10.49	32.0	566	102
1054	9	15 11.84	32 11 49.5	570	83
1055	8	15 13.21	46 14 59.6	172	60
1056	8	15 13.80	57 39 52.0	523	84
	7½	13.94	52.1	553	197
	7½	13.95	52.9	551	193
	8½	14.10	52.3	183†	143
1057	7½	15 13.88	45 4 16.9	584	36
1058	9½	15 14.43	24 16 5.6	133	106
1059	9	15 15.13	45 49 33.8	170	65
1060	9½	15 16.47	38 21 23.1	565	92
1061	9½	15 17.38	75 11 5.8	527	50
1062	8½	15 17.72	37 35 30.0	535	111
1063	9	7 15 17.81	31 28 34.8	568	109
1064	9	7 15 18.37	35 53 54.8	532	99
	9	18.37	54.6	534	101
1065	9	15 20.70	26 51 20.2	156	103
1066	8½	15 23.03	34 50 26.2	572	69
1067	9	15 23.09	44 12 20.5	584	37
1068	8½	15 23.19	29 6 23.6	159	88
1069	8½	15 23.40	33 21 48.0	563	52
1070	7½	15 27.59	26 28 8.5	561	114
	7½	27.69	8.8	152	82
1071	9	15 27.90	45 36 29.6	170	64
1072	8½	15 28.97	30 58 27.8	566	104
1073	9	15 29.25	24 35 58.8	133	108
1074	8½	15 30.79	48 53 61.3	525	157
	9	30.83	59.4	136	129
1075	9½	15 30.86	30 2 39.4	566	103
	8½	30.98	35.8	538	94
1076	9½	15 32.10	25 59 52.7	561	116
1077	8½	15 33.41	42 48 54.7	167	39
	9	33.48	54.3	167	37
1078	9	15 33.99	31 57 51.4	570	85
1079	10	15 34.01	24 20 19.8	133	107
1080	9½	15 34.67	67 49 12.8	198†	3
	9	35.23	12.4	549	148
1081	10	15 34.98	24 2 4.5	122	118
1082	7½	15 36.59	63 54 15.3	556	61
	7½	36.60	16.4	186†	83
1083	9	15 36.61	38 9 0.4	535	113
	9	36.82	3.2	565	93
1084	8½	15 37.27	31 25 21.6	568	110
1085	8	15 37.57	34 51 11.6	572	70
	8	37.87	13.1	532	101
1086	7½	15 38.48	46 0 10.8	172	61
	7½	38.63	10.7	170	66
1087	8	15 39.09	59 2 2.6	523	85
1088	9	15 40.52	29 35 37.2	538	96
1089	9	15 41.15	31 56 19.7	568	112
	8	41.31	18.8	570	86
1090	9	15 41.38	54 17 19.5	554	164
	9½	41.69	19.4	188†	121
1091	9	15 42.54	34 45 57.8	572	71
1092	9½	15 43.30	29 29 55.1	538	97
1093	9	15 43.84	41 22 1.2	162	30
	9	44.09	1.9	162	31
1094	9½	15 44.07	38 57 14.4	576	49
1095	10	15 44.33	27 54 55.3	159	90
1096	9	15 45.70	33 18 58.0	563	53
1097	9	15 49.61	26 55 29.8	156	104
1098	7	15 50.56	26 43 49.9	152	83
1099	9	15 51.30	58 46 3.4	551	194
1100	8	15 52.30	46 59 23.5	525	158
	8	52.35	23.1	172	62
	8	52.49	26.9	200	1
	8	52.50	23.7	136	130
1101	8½	15 52.59	43 35 44.5	537	44
1102	9	15 53.83	26 56 21.4	561	118
	9½	53.95	25.1	152	85
1103	9	15 54.15	25 58 43.9	561	115
1104	8½	15 54.40	73 54 45.9	580	24
1105	9½	15 55.17	39 28 46.1	576	50
1106	10	15 55.38	48 32 52.8	525	160
1107	8½	15 55.93	25 52 55.2	561	117
	9	56.07	55.9	149	96
	8½	56.08	54.3	152	84
1108	9½	15 55.95	48 31 44.8	525	159
1109	8	15 56.08	29 37 47.2	538	95
1110	8½	15 56.37	50 18 45.5	559	90
1111	8½	15 56.37	27 55 0.6	159	91
	8½	56.42	2.0	156	105
1112	6½	7 15 56.57	25 39 29.9	149	97

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1113	9	7 15 56.58	66 34 43.6	556	65	
	9	56.84	44.7	186†	85	
1114	8½	15 56.72	23 22 53.6	122	119	
1115	8	15 57.28	63 15 5.5	574	41	
	8½	57.47	3.2	574	38	
1116	9½	15 58.03	24 38 5.5	133	109	
1117	8	15 59.62	52 18 26.2	188†	119	
	7½	59.65	26.6	554	165	
1118	9	15 59.98	44 1 11.9	584	38	
	9	60.13	11.9	537	45	
1119	7	16 0.15	49 45 3.7	559	91	
1120	9	16 0.15	33 56 14.0	572	72	
	9	0.25	11.6	563	57	
1121	9½	16 2.97	47 10 22.5	172	64	
1122	8½	16 4.15	31 48 28.9	568	113	
	8½	4.35	25.9	570	87	
1123	9	16 5.42	30 39 9.3	566	106	
1124	9	16 6.01	33 36 50.8	563	54	
1125	7½	16 6.07	32 14 33.0	568	115	
	7½	6.11	33.4	570	89	
1126	9	16 6.41	36 41 2.3	534	102	
1127	9	16 7.19	62 47 30.3	574	40	
	8½	7.24	29.1	574	39	
1128	7½	16 7.81	57 7 15.3	553	198	
	8	8.16	14.6	183†	144	
1129	8	16 8.05	55 3 3.1	553	199	
	8	8.46	2.4	183†	145	
1130	9½	16 8.74	73 49 55.1	580	26	
1131	8½	16 10.56	45 7 8.4	584	39	
1132	9	16 10.78	29 0 54.7	538	98	
1133	9	16 11.25	33 56 25.9	572	73	
	9	11.46	26.9	563	55	
1134	9½	16 11.68	25 14 2.2	149	98	
1135	9	16 11.71	54 49 16.8	553	200	
1136	9½	16 12.69	58 40 0.0	551	195	
1137	10	16 12.87	65 9 41.6	186†	84	
	10	13.04	41.5	556	63	
1138	9	16 13.51	34 5 30.0	572	74	
1139	8½	16 14.17	30 37 52.4	566	105	
1140	9½	16 15.77	54 25 58.0	183†	146	
1141	9	16 15.98	73 55 52.4	580	25	
1142	9	16 20.09	39 55 50.1	576	51	
	9	20.33	48.8	578	53	
1143	10	16 24.92	42 56 32.8	167	38	
1144	9	16 26.77	43 51 1.1	537	46	
1145	8	16 27.41	23 59 48.8	122	123	
1146	8	16 28.49	27 57 19.5	159	92	
	7½	28.58	21.3	156	106	
1147	8½	16 28.78	48 57 24.9	196†	1	
1148	9	16 29.86	31 47 29.9	568	114	
	9	29.98	29.6	570	88	
1149	9½	16 33.03	38 7 34.5	535	114	
	9½	33.26	34.4	565	94	
1150	8	16 33.40	34 1 15.1	572	75	
	8	33.58	15.8	563	56	
1151	9	16 33.76	25 39 56.9	149	99	
1152	9	16 35.68	26 6 9.9	561	119	
1153	8	16 35.79	59 30 9.2	523	86	
	8½	35.87	11.0	551	197	
1154	8½	16 36.95	78 43 28.4	191†	43	
	8½	37.55	29.0	527	52	
1155	9½	16 37.41	23 33 26.8	122	120	
1156	9	16 37.97	32 40 58.6	570	91	
1157	8½	16 38.31	26 43 55.0	561	120	
1158	9	16 40.50	29 48 4.8	538	100	
1159	8½	16 40.73	29 52 9.8	566	108	
	8½	40.86	7.0	538	99	
1160	9½	16 41.65	24 48 18.2	133	110	
1161	9½	7 16 41.87	38 1 7.9	565	95	
1162	9½	7 16 42.46	38 3 51.4	535	116	
1163	9	16 42.53	23 18 5.5	122	121	
1164	9	16 42.69	63 12 6.2	574	42	
1165	8½	16 42.99	35 15 38.7	532	104	
1166	9	16 43.59	66 46 45.9	556	66	
1167	8	16 44.09	55 22 59.1	553	201	
	8½	44.22	60.5	183†	148	
1168	9	16 44.30	30 50 13.4	566	107	
1169	9	16 44.53	78 41 54.1	527	53	
	9	44.85	53.3	191†	45	
1170	9½	16 47.03	69 48 18.1	549	149	
1171	8	16 47.70	44 59 18.6	584	40	
1172	9	16 48.81	47 11 21.5	172	63	
1173	8½	16 49.41	35 31 53.7	532	102	
1174	8	16 50.24	55 44 21.6	183†	149	
1175	9½	16 51.24	32 46 26.7	570	90	
1176	7½	16 52.46	52 19 52.1	554	166	
1177	4	16 52.91	67 43 40.0	198†	4	
	4	53.05	41.7	549	150	
	4	53.56	42.7	199	2	
1178	9½	16 53.49	46 2 42.5	170	67	
1179	9½	16 53.81	35 3 35.2	572	76	
1180	9	16 54.04	47 2 48.5	172	65	
	9	54.07	46.9	136	131	
1181	9½	16 55.74	23 48 13.0	122	122	
1182	9½	16 56.89	23 57 40.3	122	124	dpl. I. n.
	9	56.98	41.6	133	112	
1183	8	16 57.39	33 45 28.5	563	58	
1184	9	16 57.99	42 34 29.7	167	40	
1185	8	16 58.21	40 57 44.3	578	54	
	8½	58.37	45.7	162	32	
1186	9	16 58.92	43 35 26.3	537	47	
1187	9	16 59.10	45 46 13.4	170	68	
1188	9	16 59.14	45 14 34.2	170	70	
1189	9½	16 59.37	26 39 38.3	561	121	
1190	9	17 0.09	54 35 17.7	188†	120	
	8½	0.21	19.3	554	167	
	9	0.24	21.5	183†	147	
1191	8½	17 0.44	60 22 13.5	523	87	
1192	8	17 1.89	49 10 3.2	196†	2	
	8½	2.06	3.3	525	162	
1193	9	17 3.11	55 14 26.3	553	202	
1194	9½	17 3.90	48 43 19.3	525	161	
1195	9	17 3.96	49 31 24.8	196†	4	
1196	7	17 5.12	57 49 15.3	551	196	
1197	9	17 7.49	36 12 31.4	534	103	
	9	7.74	30.7	532	103	
1198	8	17 7.68	79 12 46.8	191†	44	
	8	8.06	46.6	527	51	
1199	8½	17 8.52	36 15 28.4	534	104	
1200	8½	17 8.68	44 58 46.3	584	41	
1201	9½	17 9.44	38 3 40.8	535	115	
1202	9	17 10.80	59 33 39.5	551	198	
	9	11.07	40.2	523	88	
1203	8½	17 11.08	35 12 2.9	532	105	
1204	9½	17 11.78	66 20 42.7	556	64	
1205	9	17 11.85	31 57 15.0	568	116	
1206	9	17 11.93	28 3 59.1	156	107	
1207	8	17 12.05	24 39 57.0	133	111	
1208	8½	17 12.28	46 51 6.8	172	66	
	8½	12.34	7.0	172	68	
	8½	12.40	5.6	136	132	
	8	12.51	8.4	200	2	
1209	8½	17 17.71	41 45 15.4	162	33	
1210	9	17 17.89	67 39 59.7	549	151	
	9½	18.00	58.9	198†	5	
	9½	18.62	60.9	199	3	
1211	9½	17 18.17	41 42 45.6	162	34	
1212	9	7 17 18.45	36 20 22.5	534	107	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No	
		h m s	° ′ ″			
1213	9	7 17 19.65	35 3 57.4	572	77	
	9	20.04	59.5	532	106	
1214	9	17 19.72	31 46 40.0	568	118	
1215	8	17 19.94	53 58 36.4	188†	122	
	8	20.03	38.4	554	168	
1216	7	17 20.—	52 4 59.7	554	172	dpl. s. pr.
	7	20.48	56.6	188†	123	
1217	9	17 20.74	49 34 38.1	525	163	
	9	20.89	38.4	196†	3	
	9	20.98	38.4	559	92	
1218	9	17 22.31	38 49 32.2	565	96	
	9	22.32	31.9	576	52	
1219	7	17 24.22	32 20 59.6	570	92	
1220	8	17 24.58	31 47 41.0	568	117	
1221	8	17 24.75	48 16 44.4	136	135	dpl. II. n. pr.
	8½	24.98	49.4	200	3	
1222	8½	17 25.48	36 23 25.5	534	106	
1223	7½	17 27.91	63 9 16.0	574	43	
1224	8½	17 31.85	26 53 56.8	152	86	
	8	31.86	58.7	156	108	
	8	31.92	57.0	561	122	
1225	9	17 32.54	44 56 56.3	584	42	
1226	8½	17 32.56	32 21 24.6	570	93	
1227	8½	17 33.91	36 16 48.4	534	105	
1228	9½	17 34.42	30 10 25.6	566	110	
1229	7½	17 35.55	25 46 21.5	149	101	
1230	6	17 35.90	51 51 4.0	188†	125	
	6	36.05	0.9	554	171	
1231	7½	17 36.97	51 57 47.7	188†	124	dpl. IV. s. sq.
1232	8½	17 38.30	45 15 57.8	170	69	
1233	8½	17 38.86	33 7 48.4	563	59	
	8½	38.94	49.8	570	95	
1234	8	17 39.13	38 41 59.0	565	97	
1235	8½	17 39.22	30 10 54.9	566	109	
1236	8½	17 39.53	28 20 47.2	159	93	
	8	39.62	47.8	207	1	
1237	9	17 41.17	37 41 42.6	535	117	
1238	8½	17 42.07	26 7 32.0	152	87	
	8½	42.09	31.1	149	100	
1239	7	17 42.45	51 10 10.9	559	96	
1240	8½	17 42.61	72 30 47.9	580	27	
1241	9	17 44.43	34 56 57.1	572	78	
	9	44.74	56.6	532	107	
1242	9½	17 44.64	37 29 16.6	535	119	
1243	9	17 45.51	32 17 32.1	570	94	
1244	9	17 47.08	37 31 38.1	535	118	
1245	8½	17 47.47	50 33 39.6	559	93	
1246	9½	17 49.31	42 35 4.9	167	41	
1247	7½	17 49.37	31 48 26.8	568	119	
1248	7½	17 49.60	25 31 40.9	149	102	
1249	8	17 49.92	31 0 23.3	566	111	
1250	7½	17 50.08	50 37 3.3	559	95	
1251	8½	17 51.26	26 20 54.9	561	123	
	8½	51.30	56.4	152	88	
1252	7	17 52.43	60 54 38.5	574	44	
1253	9	17 53.47	26 22 56.7	561	124	
1254	7	17 53.99	56 3 38.8	553	204	
	7	54.04	39.7	183†	150	
1255	9½	17 54.16	44 16 9.6	584	44	
1256	7	17 55.06	48 17 27.3	586	1	n. pr.
	7½	55.28	24.1	136	133	
	7	55.31	25.3	200	4	
1257	9½	17 55.39	23 46 29.2	122	125	
1258	9	17 55.48	59 3 35.1	551	200	
	9	55.49	35.4	523	89	
1259	8	17 56.21	48 17 46.2	200	5	s. sq.
	8	56.22	47.7	586	2	
	8	56.27	45.0	136	134	
1260	9	7 17 56.36	46 8 44.6	172	67	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1261	9	7 17 57.54	28 50 2.0	538	101	
1262	9½	17 57.58	59 37 24.1	551	199	
1263	9	17 57.64	34 49 44.7	572	79	
	9	57.81	46.8	532	108	
1264	9	17 57.71	50 20 30.2	559	94	
1265	8½	17 58.77	38 38 15.3	565	98	
1266	9	17 59.56	44 55 44.1	584	43	
1267	9	18 0.20	23 55 19.7	122	126	
	9	0.36	19.7	133	113	
1268	9	18 1.09	34 30 49.7	572	80	
1269	8½	18 1.37	53 32 9.5	554	169	
1270	8	18 3.34	29 30 39.3	538	102	
1271	9½	18 3.52	50 58 57.3	559	97	
1272	8½	18 4.17	39 0 45.9	565	100	
	8½	4.20	46.0	576	53	
1273	9	18 6.82	33 12 47.2	563	60	
1274	8½	18 7.55	28 20 2.8	207	2	
1275	8½	18 8.38	32 32 43.9	570	96	
1276	9	18 9.83	55 8 39.5	553	203	
1277	9	18 10.14	36 48 32.5	534	108	
1278	9½	18 11.39	43 5 35.5	537	48	
1279	9	18 11.75	23 41 22.6	122	127	
1280	8½	18 12.10	27 24 24.6	156	109	
1281	6	18 13.92	31 41 3.8	568	121	
1282	8	18 14.17	49 10 6.5	196†	5	
	8	14.28	7.4	525	164	
1283	9	18 15.39	38 52 41.5	565	99	
	9	15.48	42.4	576	54	
1284	8½	18 16.46	27 25 26.1	156	110	
1285	9½	18 16.73	57 15 5.7	183†	152	
1286	9½	18 16.78	64 59 28.0	556	67	
1287	8	18 16.92	53 38 37.9	554	170	
1288	8½	18 18.42	58 55 44.7	523	90	
	9	18.53	43.4	551	201	
	8½	18.69	42.7	589	1	
1289	8½	18 18.55	24 42 50.0	133	116	
1290	8	18 19.00	48 5 29.8	586	3	
	8	19.21	28.0	136	136	
	8½	19.37	26.9	200	6	
1291	9½	18 19.34	60 47 55.0	574	45	
1292	9	18 19.75	43 29 25.5	537	49	
1293	9	18 21.43	33 39 21.7	563	61	
1294	9½	18 22.03	78 45 46.0	191†	46	
1295	9	18 22.04	45 39 12.4	170	71	
	9	22.09	12.1	170	73	
1296	8½	18 22.92	26 19 13.9	561	125	
	8½	22.95	14.3	152	89	
1297	9	18 23.29	25 50 26.8	561	126	
1298	9	18 24.30	31 41 1.8	568	120	
1299	9½	18 24.34	25 8 44.5	133	114	
	9	24.35	43.6	149	103	
1300	8	18 25.17	36 50 11.6	534	109	
	8½	25.27	12.1	535	120	
1301	9	18 25.77	29 50 13.0	538	103	
1302	8½	18 26.40	46 47 26.6	172	69	
1303	6	18 27.02	27 35 34.2	156	111	
1304	8	18 28.95	31 48 22.4	568	122	
	8	29.11	19.9	570	98	
1305	7	18 29.24	71 31 13.7	580	28	
1306	8	18 29.67	56 32 35.3	553	206	dpl. II. n. pr.
	8½	29.98	34.4	183†	151	
1307	8½	18 32.02	58 26 11.8	551	202	
	8	32.10	10.5	523	91	
	7½	32.14	11.9	589	2	
1308	9	18 35.82	30 8 15.0	538	104	
1309	9½	18 39.37	26 0 16.0	561	127	
1310	9	18 39.60	23 41 30.3	122	130	
	9	39.78	30.0	122	128	
1311	9	7 18 43.01	45 51 25.8	170	72	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1312	8	7 18 43.27	28 10 10.4	156	112	
	8	43.40	8.8	207	4	
1313	9	18 43.94	36 34 40.3	534	111	
1314	8½	18 45.66	31 3 29.4	566	112	
1315	6	18 46.03	31 57 37.5	570	97	
	6	46.22	39.5	568	123	
1316	8½	18 46.84	36 47 24.5	534	110	
1317	8½	18 46.91	25 17 5.9	149	104	
1318	8½	18 47.12	48 27 35.8	200	7	
1319	9	18 47.47	40 28 56.9	578	55	
1320	8½	18 48.05	28 11 25.5	207	3	
	9	48.11	25.0	156	113	
1321	8	18 48.79	44 22 38.5	584	46	
1322	9	18 49.06	33 18 58.0	563	63	
1323	10	18 51.03	30 51 10.2	566	113	
1324	8½	18 51.61	25 23 58.1	149	105	
1325	8½	18 51.68	46 16 9.3	172	71	
1326	8½	18 51.77	35 32 50.2	532	109	
1327	9	18 52.19	44 19 40.6	584	47	
1328	8	18 53.94	38 50 59.6	565	101	
	8	54.13	60.0	576	55	
1329	8	18 55.04	34 16 29.6	572	81	
1330	9	18 55.48	71 6 4.1	198†	6	
	9	55.60	7.2	549	153	
	9	55.75	6.6	199	4	
	9	55.85	7.8	580	29	
1331	8	18 55.86	29 2 49.9	159	95	
1332	9½	18 56.53	42 35 30.6	167	42	
1333	9½	18 57.18	23 6 54.1	122	129	
1334	8	18 57.73	49 6 10.9	586	4	
	8	57.88	12.2	525	165	
	8	57.91	12.5	196†	6	
	8	58.07	10.1	136	137	
1335	8½	18 57.95	44 23 8.5	584	45	
1336	9	18 58.44	46 16 14.4	172	70	
1337	8½	18 59.26	26 8 5.0	561	130	
1338	9	18 59.76	31 54 37.6	568	124	
1339	9	19 0.26	25 52 13.8	561	128	
1340	9½	19 0.70	25 6 58.9	133	115	
1341	7	19 1.51	29 58 30.3	538	105	
1342	8	19 1.99	66 57 12.9	198†	8	
	8	2.03	10.3	556	68	
	8½	2.05	12.7	199	5	
	8	2.11	12.6	549	152	
	8	2.12	10.2	186†	86	
1343	8½	19 5.93	26 59 39.4	152	90	
1344	9	19 6.38	51 14 52.1	559	98	
1345	9	19 6.69	31 48 42.0	568	125	
1346	8	19 6.73	69 5 27.3	198†	7	
	8	7.12	29.5	199	6	
1347	9	19 7.03	53 39 51.9	188†	127	
1348	8½	19 7.68	33 14 26.9	563	62	
1349	8½	19 7.73	25 18 30.2	149	107	
1350	9½	19 8.38	35 31 22.7	532	111	
1351	9½	19 8.55	57 13 19.9	183†	153	
1352	3	19 9.13	29 3 37.6	538	108	
	4½	9.16	36.1	159	94	
1353	8½	19 9.75	28 35 6.2	159	96	
1354	9½	19 10.73	24 35 30.7	133	117	
1355	9	19 12.34	25 58 54.5	561	129	
1356	9½	19 14.26	33 52 20.4	572	83	
1357	9	19 14.43	58 34 27.4	551	203	
1358	9½	19 14.44	49 3 12.1	525	167	
	10	14.83	10.6	196†	8	
1359	8	19 15.45	56 0 52.2	553	208	
	7½	15.47	51.9	553	205	
1360	9	19 15.75	25 29 55.6	149	106	
1361	9½	19 16.31	26 21 19.5	152	91	
1362	7½	7 19 16.81	31 39 3.0	568	128	
1363	9½	7 19 16.82	24 40 5.8	133	118	
1364	9½	19 17.03	43 10 14.2	537	51	
	9½	17.18	12.7	167	43	
1365	8½	19 17.14	31 54 57.5	570	100	
	8½	17.40	59.6	568	127	
1366	9	19 18.61	52 56 26.2	554	174	
	9	18.72	22.6	188†	126	
1367	9	19 18.64	49 2 29.1	525	166	
	9	18.70	28.4	196†	7	
1368	8½	19 19.90	31 47 0.9	570	99	
	8½	20.12	1.2	568	126	
1369	9	19 19.99	57 2 25.9	553	207	
1370	9	19 20.31	48 20 27.2	586	5	
1371	8½	19 21.71	46 53 10.6	525	168	
	9	21.82	8.2	172	72	
	8	21.99	10.9	200	8	
1372	9	19 22.36	29 53 38.7	538	107	
1373	8½	19 23.73	29 54 10.8	538	106	
1374	8½	19 24.01	27 56 10.4	156	115	
1375	9½	19 24.18	54 11 15.3	188†	128	
1376	9½	19 24.94	43 6 21.2	537	50	
	9½	25.18	21.6	167	44	
1377	6½	19 27.05	35 35 40.8	532	110	
1378	7½	19 27.32	75 38 12.7	527	54	
	7½	27.37	10.7	191†	47	
1379	8½	19 27.34	36 43 21.2	534	114	
1380	9½	19 28.86	37 2 36.2	535	121	
1381	9	19 30.51	41 26 38.2	162	35	
1382	8½	19 30.78	26 26 8.8	152	92	
1383	9	19 31.00	33 52 47.1	572	82	
1384	9	19 31.99	60 0 51.7	589	4	
1385	9½	19 33.18	23 30 40.7	122	132	
1386	8½	19 33.77	26 9 8.0	561	131	
1387	9	19 34.89	77 20 3.2	527	56	
1388	8	19 35.03	27 52 26.4	156	114	
	8	35.07	27.9	207	5	
1389	9	19 35.39	39 50 19.5	578	56	
	9	35.67	20.2	576	56	
1390	9½	19 35.66	24 49 4.9	133	121	
1391	9	19 35.86	36 25 32.8	534	112	
1392	9	19 35.95	24 48 22.0	133	120	
1393	8	19 36.05	39 17 38.3	576	58	
1394	9	19 36.08	30 40 56.0	566	114	
1395	10	19 42.43	57 8 34.8	183†	154	
1396	9	19 43.09	33 40 53.7	563	64	
1397	9	19 44.14	24 34 7.0	133	119	
1398	8	19 44.25	34 2 4.6	572	84	
	8½	44.78	4.2	563	65	
1399	10	19 44.34	68 59 10.6	199	7	
1400	9½	19 45.14	63 30 59.8	186†	87	
	9	45.47	58.3	574	48	
1401	9½	19 45.32	23 35 25.1	122	131	
1402	8½	19 45.60	24 10 53.6	122	133	
1403	8	19 46.16	43 50 49.1	537	52	
	8	46.27	47.8	584	48	
1404	7½	19 48.54	52 16 37.6	554	173	
1405	9	19 49.54	31 49 28.2	570	101	
1406	9	19 49.72	36 36 3.1	534	113	
1407	7½	19 50.31	34 6 46.1	563	66	
	7½	50.37	45.6	572	85	
1408	9½	19 51.88	39 48 27.1	578	57	
	9½	52.29	27.2	576	57	
1409	9	19 52.55	47 57 21.5	525	169	
	8½	52.85	21.0	200	11	
1410	9	19 53.40	31 36 35.0	568	129	dpl. III.
1411	9	19 53.78	40 51 3.3	162	36	
1412	8	19 53.86	31 32 17.7	568	131	
1413	8½	19 54.33	30 50 52.6	566	116	
1414	6	7 19 56.33	31 33 52.9	568	130	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1415	8	7 19 57.30	48 1 52.8	200	10	
1416	9	19 57.50	44 13 13.3	584	52	
1417	8½	19 58.11	61 45 10.9	574	46	
1418	9	19 59.13	47 42 40.4	525	170	
	8½	59.30	39.9	200	9	
	8	59.36	40.9	200	12	
1419	9	20 3.10	30 53 12.2	566	115	
1420	8½	20 3.25	40 37 25.2	578	58	
1421	8	20 4.27	55 19 39.5	553	211	
	9	4.49	40.0	183†	156	
1422	8½	20 4.48	30 35 39.3	566	117	
1423	9½	20 5.04	39 2 23.8	565	102	
1424	9½	20 6.62	44 20 49.4	584	51	
1425	9½	20 8.38	35 5 45.6	572	86	
1426	8	20 8.98	43 53 24.3	537	53	
	8	9.21	23.9	584	49	
1427	8	20 9.45	48 18 49.6	586	7	
	9	9.59	49.6	196†	10	
1428	7	20 10.20	61 42 41.1	574	47	
1429	8½	20 11.02	58 29 35.3	523	92	
	9	11.29	36.6	551	204	
	8½	11.34	36.7	589	3	
1430	9	20 11.91	36 18 44.7	534	118	
1431	9	20 12.20	76 47 42.6	191†	49	
	8½	12.44	43.6	527	55	
1432	9	20 12.42	28 59 20.1	538	109	
1433	9½	20 13.63	44 59 29.4	170	75	
1434	9	20 14.04	44 14 26.1	584	50	
1435	6½	20 14.46	24 58 17.1	133	122	
	6½	14.59	17.9	149	108	
1436	8	20 15.63	27 56 25.9	201	1	
	8½	15.64	26.0	159	97	
	8	15.69	27.2	207	7	
	8	15.74	25.4	156	116	
1437	9	20 15.83	31 58 51.7	570	102	
1438	8	20 16.92	38 1 39.6	565	103	
1439	9	20 17.35	45 1 20.0	170	74	
1440	9	20 17.54	27 49 7.8	207	6	
	8½	17.67	12.4	156	117	
1441	9½	20 17.91	60 27 4.2	551	206	
1442	10	20 18.53	51 15 32.2	559	99	
1443	8	20 18.91	69 58 9.4	549	154	
	8	19.23	9.6	199	10	
1444	9	20 18.99	39 19 44.8	576	59	
1445	8	20 19.39	56 26 14.5	553	209	
1446	9	20 19.74	48 11 39.1	525	171	
	9	19.96	42.1	586	6	
	9	20.03	40.5	196†	9	
1447	7	20 21.48	55 20 17.0	553	210	
	7½	21.58	16.4	183†	155	
1448	7½	20 21.70	37 2 39.2	534	116	n. pr.
	7	21.73	41.4	535	122	
1449	7	20 21.96	37 2 46.4	534	117	s. sq.
	7	22.06	46.7	535	123	
1450	9	20 23.36	36 38 8.7	534	115	
1451	10	20 24.26	37 8 17.7	535	124	
1452	9½	20 24.33	42 57 25.3	167	45	
1453	8½	20 24.53	46 20 55.2	172	73	
1454	8	20 24.98	60 3 45.4	523	95	
	8½	25.33	46.3	589	6	
1455	9½	20 25.54	39 28 1.8	576	60	
1456	8½	20 26.32	30 13 33.6	566	118	
1457	9	20 26.48	34 52 48.4	532	112	
1458	9	20 26.60	72 44 55.3	580	30	
1459	8½	20 26.84	29 7 7.7	538	110	
1460	9	20 27.07	46 20 24.5	172	74	
1461	8	20 27.53	26 22 43.9	152	93	
1462	7	20 28.92	53 15 54.0	188†	129	
	7	29.02	54.1	554	175	
1463	9	7 20 29.22	71 57 2.4	580	31	
1464	9	7 20 30.80	25 48 54.8	561	134	
1465	9½	20 31.95	26 1 39.9	561	133	n. pr.
	9½	32.02	40.9	152	94	
1466	9½	20 32.38	26 1 52.5	561	132	s. sq.
1467	8	20 35.02	43 13 9.0	167	46	
1468	9½	20 35.96	23 26 7.1	122	134	
1469	9	20 36.25	48 47 37.2	586	10	
1470	9	20 36.34	38 6 8.0	565	104	
1471	9	20 36.38	40 6 26.8	576	61	
1472	9	20 37.74	31 59 10.2	568	134	
	9	37.87	8.7	570	103	
1473	9	20 38.37	48 46 54.4	586	9	
1474	8½	20 38.59	60 0 23.9	523	94	
	9	38.70	25.1	589	5	
1475	9	20 38.80	42 8 31.1	162	37	
1476	9	20 39.32	38 5 58.4	565	105	
1477	10	20 40.89	23 21 43.4	122	135	
1478	8½	20 41.16	37 43 22.2	535	125	
1479	8½	20 43.52	58 40 16.2	551	205	
	8	43.71	16.8	523	93	
	8	43.74	16.5	589	7	
1480	9	20 46.68	63 39 23.9	556	70	
	9	46.86	24.8	574	49	
1481	7½	20 50.02	53 25 34.8	554	176	
	7	50.02	33.4	188†	130	
1482	8½	20 50.18	65 24 54.6	556	69	
	8½	50.30	54.7	186†	88	
1483	9	20 50.61	44 58 38.3	170	76	
1484	9½	20 50.67	24 49 46.9	133	123	
1485	9	20 51.76	55 0 9.3	183†	157	
1486	8½	20 52.02	32 15 42.5	570	104	
1487	7	20 55.11	31 29 28.7	568	132	
1488	9	20 56.99	28 51 10.6	538	111	
1489	9	20 58.96	44 19 47.2	584	53	
1490	7½	20 59.62	26 32 34.5	561	136	
1491	9	21 2.00	43 50 17.1	537	54	
	9	2.20	17.1	584	54	
1492	9	21 2.58	44 54 37.9	170	77	
1493	9	21 3.00	43 10 56.8	167	47	
	9	3.02	56.1	537	56	
1494	9	21 3.60	25 59 15.1	561	135	
	9	3.66	15.6	152	95	
	9	3.71	15.2	149	109	
1495	9	21 5.13	33 39 20.0	563	67	
1496	8½	21 5.31	69 55 48.3	199	9	
	9	5.50	47.9	549	155	
1497	10	21 6.83	24 47 8.2	133	124	
1498	8	21 7.54	43 8 22.9	537	57	
	8	7.70	21.7	167	48	
1499	9	21 7.36	49 54 33.4	559	100	
1500	9½	21 7.84	23 52 49.0	122	138	
1501	7½	21 10.62	40 54 42.8	578	59	
	8	10.76	42.4	162	38	
1502	9	21 11.04	23 29 39.1	122	136	
1503	10	21 11.15	67 3 5.9	198†	9	
	9½	11.58	5.0	186†	89	
1504	9	21 14.05	26 25 13.3	561	137	
1505	9	21 14.36	75 26 37.4	191†	48	
1506	8½	21 15.38	27 54 48.3	207	8	
	8½	15.38	50.4	159	98	
	8	15.45	49.0	201	2	
	8½	15.52	50.0	156	119	
1507	8½	21 16.00	30 1 37.1	538	112	
	8½	16.21	38.7	566	119	
1508	9	21 16.27	32 6 14.2	568	135	
	9	16.39	11.6	570	105	
1509	9½	21 18.80	33 0 37.2	563	68	
1510	8½	7 21 19.14	49 31 8.8	586	12	
	8½	19.21	5.4	525	172	
	9	19.24	5.9	196†	11	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
1511	9½	7 21 19.44	43 50 5.6	537	55
1512	9	21 19.59	27 14 57.0	156	118
1513	9½	21 20.37	69 12 31.0	198†	10
	9	20.52	31.8	199	8
1514	8½	21 20.55	50 52 15.4	559	101
1515	8½	21 20.78	46 51 49.8	172	75
	8	20.93	50.9	200	13
1516	8½	21 21.16	48 38 4.0	525	174
	9	21.21	4.8	196†	12
	8½	21.26	4.6	586	8
1517	9½	21 21.66	35 20 39.8	532	113
1518	7½	21 21.87	31 23 40.0	568	133
1519	8	21 23.66	57 51 9.4	589	9
1520	9½	21 24.36	37 57 31.6	535	127
	9½	24.54	28.2	565	107
1521	9	21 24.64	55 29 25.0	553	212
1522	9	21 24.73	42 52 51.0	167	49
1523	7	21 24.88	23 27 48.6	122	137
1524	10	21 25.81	40 56 51.5	162	39
1525	9	21 26.87	24 12 45.0	133	125
1526	8½	21 28.85	37 54 2.3	565	106
	8½	29.08	2.4	535	126
1527	8½	21 32.89	38 31 33.5	565	108
1528	9½	21 33.60	32 8 26.5	570	106
1529	9	21 33.80	47 6 10.6	172	76
1530	8½	21 33.73	26 15 46.1	561	138
	8½	33.86	45.1	152	96
1531	9	21 34.51	45 59 58.6	172	77
	9	34.70	59.0	170	80
1532	9	21 37.58	35 20 37.0	532	114
1533	9½	21 37.94	43 5 47.2	537	58
	9½	38.05	49.3	167	50
1534	9	21 38.44	54 46 6.1	183†	158
	9½	38.46	6.3	553	214
1535	7½	21 38.61	62 1 41.1	574	50
1536	9½	21 40.12	45 10 29.8	584	55
	9	40.29	30.7	170	78
1537	8½	21 40.83	51 13 36.3	559	102
1538	10	21 41.93	36 15 44.6	534	119
1539	8½	21 42.42	28 34 50.5	159	99
	9	42.59	49.0	207	9
	8½	42.63	50.2	207	10
1540	9½	21 44.95	34 23 50.5	572	87
1541	8	21 47.86	34 55 39.8	532	115
1542	9½	21 51.77	78 11 48.7	191†	50
	9	51.93	50.7	527	57
1543	8	21 51.80	49 39 53.9	525	173
	8	51.83	54.6	586	11
	8½	51.96	52.8	559	103
1544	9½	21 53.11	48 35 31.2	196†	13
1545	9½	21 53.31	36 20 51.8	534	120
1546	9½	21 54.41	24 35 0.0	133	126
1547	9	21 55.41	32 0 37.0	568	136
	9	55.49	33.8	570	107
1548	9½	21 55.79	29 3 56.0	538	114
1549	7½	21 55.86	41 51 38.8	162	40
1550	9	21 57.56	29 14 7.6	538	113
1551	9½	21 58.51	64 23 3.5	556	72
1552	9½	21 59.57	55 41 44.2	553	216
1553	7	22 0.36	58 14 58.3	551	208
	7	0.61	57.9	523	99
1554	9½	22 1.93	23 40 42.7	122	140
1555	9	22 2.52	33 54 33.2	563	69
	8½	2.59	34.4	572	89
1556	6½	22 3.59	33 53 25.2	572	88
	6½	3.72	23.5	563	70
1557	8½	7 22 4.91	31 57 26.8	570	108
	8½	4.91	28.6	568	137
1558	9½	7 22 4.93	64 32 57.2	556	73
1559	9½	22 5.57	60 33 22.7	523	97
1560	9	22 7.49	30 31 13.6	566	121
	9	7.55	10.9	566	120
1561	9½	22 8.01	46 59 1.0	172	78
	9	8.06	1.6	200	14
1562	9	22 8.40	23 41 23.7	122	139
1563	8	22 10.46	60 35 30.2	551	207
	8	10.51	29.4	574	51
	8½	10.90	30.9	523	96
	7½	10.91	31.7	589	11
1564	7½	22 10.63	52 52 0.9	188†	131
	8	10.68	0.2	554	177
1565	8	22 11.39	39 19 16.9	576	62
1566	9½	22 13.87	23 32 1.2	122	141
1567	9	22 16.03	28 11 17.7	201	3
1568	8	22 16.23	78 4 57.9	191†	51
	8	16.35	58.6	527	58
1569	9	22 16.24	67 3 7.9	556	74
	9	16.33	6.1	186†	90
	9	16.60	7.9	198†	11
1570	7½	22 16.70	71 17 20.6	580	32
1571	9	22 16.86	57 40 59.8	589	8
	8½	16.92	59.5	589	10
1572	9	22 17.71	45 45 50.9	170	82
	9	17.76	49.4	170	79
1573	8½	22 18.32	48 1 27.9	200	16
1574	8½	22 19.41	24 47 42.8	133	127
1575	10	22 21.80	45 55 1.7	170	81
1576	8	22 22.35	34 4 0.9	572	91
	8	22.54	2.3	563	72
1577	7	22 23.55	34 3 47.8	572	90
	7½	23.57	50.5	563	71
1578	8½	22 23.57	66 17 34.4	186†	92
1579	9	22 23.97	41 45 14.7	162	42
1580	9½	22 24.27	35 8 26.1	532	116
1581	8½	22 24.42	60 15 9.7	523	98
1582	9	22 25.17	32 4 13.8	568	138
	9	25.22	13.8	570	109
1583	8½	22 26.12	32 19 21.9	570	110
1584	8½	22 26.43	27 8 50.4	152	100
	9	26.61	51.6	156	120
1585	9½	22 26.47	30 32 39.0	566	122
1586	9	22 27.33	28 3 22.7	540	1
1587	8	22 27.86	70 44 42.3	199	11
1588	10	22 28.11	54 29 33.4	188†	132
	9½	28.13	36.4	554	179
	9½	28.19	33.0	553	213
1589	8½	22 28.89	26 46 14.9	561	140
	9	29.06	14.9	152	98
1590	8½	22 31.14	64 26 43.2	556	71
1591	9½	22 31.74	52 55 2.6	188†	133
	9	31.77	2.8	554	178
1592	9	22 32.36	24 31 17.4	133	128
1593	8½	22 32.42	73 53 56.1	580	34
1594	8	22 33.61	47 31 22.6	525	175
	8½	33.91	23.0	200	15
1595	8½	22 34.13	25 58 60.8	561	139
	8½	34.14	60.5	149	110
	8½	34.26	58.3	152	97
1596	9	22 35.28	74 59 48.9	580	33
	9	35.91	48.8	191†	53
1597	9½	22 35.47	43 32 3.7	537	60
1598	8	22 35.47	47 54 60.1	525	176
	8	35.60	58.7	200	17
1599	9½	22 36.00	42 27 56.2	167	51
1600	8½	22 36.40	31 26 11.2	568	140
1601	7½	7 22 37.27	33 38 11.5	563	73

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
1602	8	7 22 38.65	23 14 8.6	122	142
1603	8½	22 39.12	28 5 47.3	159	101
	8½	39.41	46.8	204	1
	8½	39.44	45.8	540	2
	8½	39.46	47.2	207	11
1604	8	22 39.56	26 49 21.0	561	142
	8½	39.62	22.1	152	99
1605	8	22 41.37	67 7 10.2	556	75
	8½	41.67	9.1	186†	91
1606	9½	22 41.42	34 5 48.2	572	92
1607	8½	22 42.78	29 16 31.2	538	115
1608	9	22 43.26	31 41 13.1	568	141
1609	8½	22 43.39	41 59 54.2	162	41
1610	9	22 43.90	55 33 13.2	553	218
	9	43.95	12.3	553	215
	9½	44.03	14.2	183†	161
1611	9	22 46.44	49 45 20.3	559	104
1612	9	22 48.18	39 35 38.0	576	63
1613	9½	22 48.80	36 27 26.4	534	121
1614	7½	22 48.93	28 7 3.1	159	100
	7½	48.95	6.7	201	4
	7½	49.05	2.7	204	2
	7½	49.12	5.0	540	3
	7½	49.21	5.0	207	12
1615	9	22 48.98	23 15 57.4	122	143
1616	9	22 51.61	49 10 16.3	196†	14
	9	51.89	16.9	586	13
1617	9	22 52.06	32 34 52.4	570	111
1618	9	22 53.40	41 22 36.9	162	43
1619	9	22 53.98	32 1 53.7	568	139
1620	9½	22 54.99	23 52 54.7	133	131
1621	7	22 55.98	26 35 8.0	561	141
1622	9½	22 56.31	37 32 43.9	535	128
1623	9½	22 59.03	23 20 19.6	122	144
1624	8	22 59.96	28 13 28.3	204	3
	8	59.99	29.4	201	5
	8½	60.08	28.4	159	102
	8	60.09	28.4	207	13
	8	60.21	27.3	540	4
1625	8½	23 0.43	40 48 11.3	578	60
1626	8½	23 0.70	38 50 19.6	565	109
1627	8½	23 0.71	27 4 35.8	156	121
1628	6	23 1.60	28 54 6.4	204	4
	6	1.62	6.4	538	116
1629	9	23 4.48	23 54 55.7	133	129
1630	8	23 4.62	42 55 51.2	537	61
	8	4.64	50.5	167	52
1631	9½	23 4.94	43 27 32.8	537	62
	9½	4.95	31.9	537	59
1632	9	23 5.00	23 52 5.8	133	130
1633	9	23 5.63	54 46 51.0	183†	159
1634	8½	23 5.65	26 11 3.5	149	111
1635	9	23 7.31	33 36 58.3	563	74
1636	8½	23 7.57	31 41 40.3	568	142
1637	8½	23 8.55	27 8 44.6	152	101
	8½	8.58	41.9	561	145
	8½	8.59	44.2	156	122
1638	5½	23 9.55	50 46 1.0	559	105
1639	9	23 9.96	43 55 28.9	584	56
1640	8½	23 12.18	55 6 41.2	553	217
	8½	12.36	42.0	183†	160
1641	8	23 12.22	23 5 12.5	122	145
1642	8½	23 12.23	24 52 26.3	149	112
1643	8½	23 13.50	39 33 46.7	576	64
1644	9½	23 15.15	48 32 16.8	586	15
1645	8½	23 15.19	28 24 43.3	159	103
	8	15.38	40.9	201	6
1646	9	7 23 17.84	39 8 25.2	565	110
1647	9	7 23 20.21	26 59 21.7	156	123
	8½	20.30	19.4	561	144
	9	20.32	21.6	152	102
	9	20.43	22.5	540	5
1648	9	23 21.66	29 52 15.5	595	1
1649	9	23 22.66	26 58 25.4	156	124
	9	22.81	23.0	561	143
	9	22.84	25.7	152	103
	8½	22.95	25.0	540	6
1650	10	23 23.11	39 10 41.0	565	111
1651	9½	23 24.81	24 3 6.2	133	132
1652	9	23 25.65	40 41 21.8	578	61
1653	8½	23 25.77	76 10 48.2	191†	52
	8	25.91	49.0	527	59
1654	8½	23 26.37	28 49 46.9	204	6
	8½	26.50	45.8	207	14
	8½	26.52	45.7	538	117
1655	9	23 26.67	32 13 0.9	570	112
1656	9½	23 27.98	26 59 41.4	540	7
1657	9	23 28.99	46 1 7.6	170	83
	9	29.05	7.5	172	79
1658	9	23 31.61	36 46 3.9	534	122
1659	8½	23 31.77	28 25 26.1	201	7
	8½	31.88	23.0	159	104
1660	9½	23 32.14	54 24 25.6	554	180
1661	8½	23 35.05	29 4 1.2	538	119
1662	9	23 36.08	22 53 44.3	122	146
1663	9½	23 36.10	31 52 30.9	568	143
1664	8½	23 38.29	44 1 51.6	537	63
	8½	38.42	51.4	584	59
1665	9	23 39.01	66 17 31.2	556	76
	9	39.45	29.1	186†	93
1666	9	23 39.66	30 46 3.1	566	123
1667	8½	23 40.00	27 38 47.9	156	125
1668	8½	23 40.66	56 42 23.8	553	219
	8½	40.75	24.8	183†	163
	9	40.84	25.1	183†	162
1669	8½	23 40.66	44 33 42.6	584	57
1670	7	23 42.58	28 51 42.1	204	5
	7	42.65	41.9	207	15
	7	42.80	43.8	538	118
1671	9	23 43.59	34 1 24.0	572	93
1672	8	23 47.36	47 31 43.2	200	18
1673	9½	23 47.46	34 17 59.0	572	95
1674	7	23 48.69	35 0 13.3	532	117
1675	9½	23 49.11	33 0 31.0	563	76
	9	49.16	29.4	570	113
	9	49.19	29.8	570	115
1676	9	23 49.40	38 56 36.6	576	66
	9	49.77	39.2	565	113
1677	9	23 49.79	39 46 34.2	576	65
1678	9	23 50.30	33 13 22.1	563	75
1679	8½	23 51.11	29 15 10.0	538	120
1680	8½	23 52.28	43 52 21.3	584	58
	8½	52.37	22.5	537	64
1681	9	23 53.41	42 10 13.3	167	53
	9½	53.60	12.9	162	45
1682	10	23 54.41	41 4 44.2	578	62
1683	8½	23 55.37	24 56 9.4	149	114
1684	9½	23 55.84	37 37 18.0	535	130
1685	9½	23 57.35	34 4 31.6	572	94
1686	8	23 57.44	46 50 29.4	172	82
	8½	57.82	30.2	200	21
1687	9	23 57.70	26 43 51.1	561	146
	9	57.95	51.1	152	104
1688	7	23 59.15	37 33 10.0	535	129
1689	9½	7 23 59.49	46 4 51.4	170	84
	9½	59.51	50.0	172	80

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1690	8½	7 24 0.56	52 4 3.1	188†	134	
	8	0.78	2.6	554	181	
	8	0.83	1.5	559	106	
1691	9	24 1.18	24 56 9.9	149	113	
1692	9½	24 1.41	48 41 7.0	586	14	
1693	9½	24 2.73	36 39 29.0	534	123	
1694	8½	24 3.00	41 15 31.1	162	44	
1695	7½	24 3.06	31 35 32.4	568	144	s.pr.
1696	8	24 3.66	31 35 25.7	568	145	n.sq.
1697	9	24 4.19	35 27 27.5	532	118	
1698	7	24 5.27	70 23 20.5	199	12	
1699	9½	24 5.52	23 16 4.5	122	147	
1700	9½	24 6.54	52 21 10.6	188†	135	
1701	8	24 7.28	47 9 32.0	172	83	
	8½	7.35	32.9	200	19	
1702	9	24 9.76	32 51 0.7	570	114	
1703	10	24 13.46	26 42 23.3	561	147	
1704	6½	24 15.27	31 11 56.4	568	146	
1705	8	24 16.41	39 11 22.3	565	112	
	8	16.44	21.1	576	67	
1706	9	24 16.43	62 48 27.5	574	52	
1707	9½	24 16.62	57 16 7.4	553	221	
1708	9½	24 16.86	45 6 4.8	584	60	
	9	16.90	2.0	170	85	
1709	7	24 19.11	51 8 49.8	559	107	
1710	9	24 21.58	38 7 37.8	535	131	
1711	7½	24 21.93	46 51 11.7	172	81	
	7½	22.14	13.8	200	20	
1712	8	24 22.22	30 23 14.7	595	2	
	8	22.26	11.9	566	124	
1713	9½	24 22.82	43 42 24.1	537	65	
1714	9½	24 23.66	42 46 8.5	167	54	
1715	9½	24 23.97	40 45 12.3	578	63	
1716	9½	24 24.19	24 6 19.4	133	133	
1717	9½	24 25.66	29 56 6.1	538	122	
1718	8	24 26.98	51 6 15.9	559	108	
1719	9½	24 27.86	70 18 49.7	199	13	
1720	9	24 27.93	55 59 27.4	553	223	
1721	8½	24 28.15	32 29 19.6	570	116	
1722	9	24 28.22	28 14 39.8	207	17	
	8½	28.25	40.0	540	8	
1723	9	24 28.59	55 34 47.7	183†	164	
1724	9	24 29.89	24 12 29.1	133	134	
1725	8½	24 30.10	23 25 59.5	122	148	
1726	9½	24 31.38	23 44 42.1	122	150	
1727	9	24 32.07	28 59 4.7	204	7	
	9	32.12	3.9	201	8	
	9	32.14	3.1	207	16	
1728	7½	24 38.10	33 54 48.1	572	96	
	7½	38.34	47.9	563	77	
1729	9½	24 38.96	35 7 14.3	532	119	
1730	9	24 39.10	41 35 26.4	162	46	
1731	10	24 39.49	54 1 52.5	188†	136	
1732	9½	24 40.73	57 21 25.9	553	220	
1733	8½	24 41.17	23 32 41.5	122	151	
	8½	41.18	41.3	122	149	
1734	9	24 41.28	32 21 55.9	570	117	
1735	8½	24 41.49	30 0 5.2	538	123	
	9	41.59	7.0	566	126	
	9	41.66	4.4	538	121	
	9½	41.70	4.6	566	125	
	8½	41.71	4.8	595	3	
1736	9	24 41.74	25 52 54.8	149	116	
	9	41.79	52.9	561	149	
1737	9½	24 43.98	25 48 40.2	561	148	
1738	9	24 45.38	32 9 9.8	570	118	
1739	9½	24 45.77	33 47 52.3	563	78	
1740	6	7 24 45.98	38 33 16.4	565	114	
1741	8	7 24 48.05	51 49 33.1	559	109	
	8	48.14	32.5	554	182	
1742	9½	24 48.06	41 45 21.1	162	47	
1743	9	24 49.62	29 55 54.6	538	124	
	9	49.74	59.0	595	4	
	9	49.90	55.9	566	127	
1744	7½	24 50.48	24 53 14.7	149	115	
	8½	50.54	14.1	133	135	
1745	8½	24 50.70	60 44 24.6	574	53	
	8	50.98	24.1	589	12	
1746	9	24 50.80	31 53 56.3	568	147	s.pr.
1747	8	24 51.33	48 33 23.0	586	18	
1748	9	24 51.44	31 53 49.0	570	119	n.sq.
1749	8½	24 51.63	49 15 48.3	196†	15	
	9	51.88	48.2	586	16	
1750	8½	24 51.79	70 31 20.4	199	15	
1751	9½	24 52.17	59 23 25.9	523	100	
1752	9½	24 54.73	25 51 25.6	561	150	
	9	54.83	27.1	149	117	
1753	9½	24 56.24	44 53 52.3	584	61	
1754	8½	24 56.31	55 9 17.1	553	224	
	9	56.39	17.3	183†	165	
1755	9	24 56.92	42 54 18.4	167	55	
	9	56.99	20.2	537	68	
1756	10	24 57.57	48 53 28.7	196†	17	
1757	8½	24 57.87	28 39 29.2	204	8	
1758	8	24 58.87	59 19 26.4	523	101	
	7½	59.15	26.6	589	13	
1759	9	25 0.51	58 44 36.7	523	102	
1760	9½	25 0.63	65 3 48.8	556	78	
	9	0.86	47.9	186†	94	
1761	8	25 1.45	36 25 33.7	534	124	
1762	9½	25 2.30	62 48 52.8	574	54	
1763	10	25 4.08	76 3 48.9	527	60	
1764	10	25 4.71	52 58 52.0	188†	137	
	9	4.81	52.4	554	183	
1765	8½	25 5.10	48 53 37.1	196†	16	
	8½	5.41	37.5	586	17	
1766	9	25 6.15	40 10 48.5	576	68	
	9	6.45	50.4	578	64	
1767	9½	25 6.69	65 17 59.9	556	79	
1768	9½	25 7.63	33 54 14.7	572	98	
	9½	7.66	14.8	572	97	
1769	8½	25 8.65	37 51 57.3	565	115	
	8½	8.80	58.0	535	132	
1770	10	25 8.98	24 1 6.3	133	136	
1771	9½	25 9.71	46 8 13.4	170	87	
1772	10	25 9.90	51 49 7.2	559	110	
1773	9½	25 10.64	70 34 7.1	199	14	
1774	9	25 10.99	28 0 12.9	540	10	
1775	9	25 11.62	56 22 28.8	553	222	
1776	8½	25 12.11	45 54 27.3	170	86	
1777	8½	25 12.42	30 25 45.1	595	5	
1778	9	25 15.46	75 6 31.3	191†	54	
	8½	15.57	22.4	527	62	
1779	4	25 16.00	43 2 57.4	537	66	s.pr.
	4	16.13	58.1	167	57	
1780	8½	25 16.07	28 24 2.9	207	18	
	8½	16.18	2.0	204	11	
1781	9	25 18.16	43 2 50.3	537	67	n.sq.
	9	18.31	51.4	167	56	
1782	9	25 21.18	32 5 4.2	570	120	
	9	21.18	5.8	568	148	
1783	8½	25 23.16	28 4 21.0	201	11	
	8	23.57	18.8	540	9	
1784	9½	25 24.54	26 49 3.1	561	153	
1785	9	25 25.10	26 42 52.4	561	152	
1786	8½	7 25 26.42	28 35 23.4	207	19	
	7½	26.64	23.3	204	9	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
1787	10	7 25 26.45	47 9 35.2	172	84
1788	9	25 27.01	73 40 45.1	580	36
1789	8	25 30.43	28 34 31.7	204	10
	8	30.58	30.5	207	20
1790	9	25 30.56	23 15 43.6	122	153
1791	9½	25 31.85	46 57 18.8	172	86
1792	9½	25 32.70	25 2 45.3	149	118
1793	8½	25 33.64	44 20 38.0	584	62
1794	9½	25 33.98	48 11 40.9	586	19
1795	9½	25 34.29	23 56 15.6	133	137
1796	9½	25 35.33	75 42 0.3	527	61
1797	9	25 37.59	26 43 28.1	561	151
	9½	37.66	26.8	152	105
1798	8½	25 37.72	38 24 21.6	565	116
1799	9½	25 38.37	73 52 12.1	580	35
1800	9½	25 39.90	35 14 32.0	532	120
1801	9	25 41.17	58 14 44.6	523	104
1802	9	25 43.11	24 24 19.6	133	138
1803	8	25 44.34	27 50 6.4	156	127
	7½	44.48	6.0	207	22
	7½	44.58	5.6	540	11
	7½	44.58	2.5	201	9
1804	8	25 44.63	27 51 32.2	201	10
	8½	44.67	33.7	156	128
	8	44.68	33.3	540	12
	8	44.70	34.0	204	13
1805	8	25 45.12	48 57 22.3	196†	18
	8½	45.29	22.7	586	21
1806	8½	25 45.56	52 12 29.4	188†	138
	8	45.72	30.3	554	184
1807	9½	25 47.31	47 7 30.9	172	85
1808	8½	25 49.59	39 19 23.6	576	69
1809	8½	25 50.22	28 29 9.2	207	21
	8½	50.22	9.6	204	12
1810	8½	25 50.61	39 23 51.4	576	70
1811	5	25 50.97	30 42 1.8	566	128
1812	8½	25 51.97	27 25 46.5	156	126
	9	52.08	47.3	540	13
1813	7	25 53.87	71 13 7.8	580	38
	7	54.01	7.1	199	16
1814	9½	25 54.49	33 29 29.3	563	81
1815	8	25 54.50	33 49 44.5	563	79
1816	7	25 54.91	57 48 52.3	523	106
	7	55.17	52.1	589	14
1817	8½	25 57.89	44 39 5.2	584	63
1818	9	25 58.26	23 34 21.4	122	152
1819	9½	25 58.45	54 26 25.4	554	185
1820	9	25 58.45	34 2 35.1	572	99
1821	8	25 58.78	70 9 0.8	199	17
1822	9	25 59.81	33 36 53.2	563	80
1823	9½	26 2.98	34 1 4.4	572	100
1824	9½	26 4.43	38 21 23.0	565	117
1825	9½	26 4.86	23 9 50.7	122	154
1826	9	26 4.99	30 16 42.3	566	130
	8½	5.01	39.7	595	6
1827	8½	26 5.89	34 42 11.5	572	102
1828	9½	26 6.53	31 44 14.1	568	150
1829	8½	26 7.17	37 15 46.7	535	133
1830	9	26 7.32	68 28 50.6	199	18
1831	8	26 8.40	63 58 61.1	186†	95
	8	8.40	55.8	556	77
1832	7	26 8.55	40 43 35.0	578	65
1833	9½	26 8.66	41 34 17.0	162	48
1834	9½	26 10.51	28 50 14.1	538	125
	9	10.52	16.8	538	128
1835	9	26 10.55	34 44 53.0	572	101
1836	8½	7 26 10.80	58 16 36.0	523	103
	8½	11.05	37.2	589	17
1837	9	7 26 11.10	22 50 30.2	122	156
1838	9	26 11.21	72 3 26.4	580	37
1839	8	26 12.34	65 20 27.1	556	80
1840	9	26 12.82	23 6 3.5	122	155
1841	9	26 13.84	57 43 5.1	523	107
	9	13.88	2.5	589	15
1842	9	26 14.71	42 4 21.0	162	49
	8½	14.76	21.3	167	58
1843	9	26 14.84	31 54 25.8	570	121
1844	9½	26 16.37	47 4 5.2	172	87
1845	7	26 16.81	37 4 45.7	535	134
	7	16.91	43.6	534	125
1846	9	26 16.89	27 8 54.6	561	154
	9	17.06	55.0	156	129
1847	9½	26 17.49	45 53 30.6	170	88
1848	10	26 20.74	77 37 9.3	191†	55
1849	7½	26 21.34	52 7 13.2	188†	139
	7½	21.38	13.3	554	186
	7½	21.46	12.6	559	114
1850	8½	26 22.27	58 8 59.9	523	105
	9	22.47	61.1	589	16
1851	9	26 22.44	30 15 20.6	566	132
	8	22.50	18.2	595	7
1852	9½	26 22.77	42 51 16.0	167	59
	9	22.92	19.0	537	69
1853	9	26 22.95	31 50 4.8	568	149
	9	22.95	4.1	568	151
1854	9	26 23.08	44 52 29.2	584	65
1855	9	26 23.73	66 36 37.8	186†	97
1856	9	26 23.97	43 4 28.4	537	71
1857	8½	26 25.09	28 55 0.6	538	127
	8	25.14	0.8	207	23
1858	9	26 25.35	42 57 49.6	167	60
	9	25.38	50.1	537	70
1859	8	26 25.78	34 43 15.5	572	103
1860	8½	26 26.24	30 8 25.3	566	131
	8½	26.31	22.2	538	126
	8	26.33	24.9	595	8
1861	8½	26 26.79	50 55 19.9	559	112
1862	9½	26 27.34	35 0 13.1	532	121
1863	9	26 29.52	31 7 43.8	595	9
1864	9½	26 29.71	30 40 11.0	566	129
1865	8½	26 31.01	26 15 4.0	152	106
1866	9½	26 31.71	50 17 53.3	559	111
1867	8½	26 32.86	26 35 32.0	561	156
1868	9	26 34.04	49 24 51.7	586	20
1869	8½	26 34.61	26 38 15.0	561	155
1870	8½	26 35.21	63 17 51.9	574	55
1871	8½	26 37.54	25 2 29.0	149	119
1872	9	26 38.15	32 33 0.6	570	122
1873	9½	26 40.79	52 32 11.7	188†	142
	9	40.87	11.1	554	187
1874	8½	26 41.83	51 53 14.6	559	115
	9	41.90	16.2	188†	140
1875	8½	26 42.98	45 24 28.5	170	89
1876	9½	26 43.52	48 20 29.8	200	23
	9½	43.53	32.8	196†	19
	9	43.79	30.8	586	22
1877	8	26 44.53	50 56 32.0	559	113
1878	9½	26 45.50	36 12 36.7	534	126
1879	8½	26 46.84	38 20 6.1	565	118
1880	9½	26 46.94	24 52 42.4	133	139
1881	8	26 47.07	25 8 44.6	149	120
	8½	47.08	42.1	133	141
1882	9½	26 48.13	41 37 15.1	162	50
1883	8½	7 26 48.39	65 59 48.6	556	81
	8½	48.75	49.9	186†	96
	8½	48.78	48.9	186†	99

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1884	9½	7 26 49.37	27 30 26.7	540	14	
1885	8	26 49.40	55 2 38.1	553	226	dpl. II. n. sq.
	9	49.48	38.6	183†	166	
1886	9	26 49.60	35 25 14.4	532	122	
1887	9	26 50.39	47 12 51.0	172	88	
	9	50.49	51.8	200	22	
1888	9	26 51.50	28 53 24.4	538	129	
	9½	51.51	22.2	207	24	
1889	9	26 51.69	24 7 27.7	122	158	
	9	51.87	26.0	133	142	
1890	8½	26 52.80	54 38 48.5	553	225	
	8½	52.87	49.7	554	189	
	9	52.94	49.4	183†	167	
1891	9½	26 53.91	23 57 51.0	122	157	
1892	7	26 54.02	35 53 20.3	532	123	
	7	54.30	21.1	534	127	
1893	9½	26 55.26	55 47 58.7	553	227	
1894	8½	26 55.30	24 53 33.1	149	121	
	9	55.34	31.4	133	140	
1895	9	26 55.80	37 44 17.2	535	135	
1896	9	26 56.73	34 5 36.0	563	82	
1897	9½	26 56.88	28 53 3.7	207	25	
	9½	57.00	1.2	538	130	
1898	9	26 57.00	29 11 56.1	204	16	
1899	9½	26 57.10	31 25 6.9	568	152	
1900	6½	26 57.79	52 23 26.2	554	188	
	6½	57.89	26.2	188†	141	
1901	9	26 57.92	44 44 29.4	584	64	
1902	9½	26 59.80	39 46 20.0	576	71	
1903	9	27 0.21	38 35 11.7	565	119	
1904	9	27 1.14	32 23 45.6	570	123	
1905	8½	27 1.57	36 37 35.8	534	130	
1906	9	27 4.65	28 8 16.5	204	14	
1907	9½	27 4.85	45 6 52.5	170	90	
1908	9	27 8.72	23 46 31.3	122	159	
1909	9	27 9.14	61 20 40.3	574	57	
1910	6½	27 10.00	35 37 21.7	532	124	
1911	8½	27 10.60	27 38 41.9	156	130	
	8½	10.60	42.0	540	16	
1912	9	27 10.49	23 46 8.6	122	160	
1913	9	27 11.37	45 37 53.0	170	91	
1914	7½	27 11.44	69 19 9.0	198†	14	
1915	8	27 11.67	29 22 12.3	538	131	
1916	8½	27 11.71	36 35 32.6	534	128	
1917	9	27 12.18	28 28 6.9	204	15	
	9	12.40	9.6	201	12	
1918	7	27 12.24	50 20 45.6	559	117	
1919	9	27 13.23	36 40 10.4	334	129	
1920	9	27 13.42	33 8 43.9	563	85	
	9	13.44	43.5	563	83	
1921	8	27 15.95	68 21 34.4	198†	12	
	7½	16.14	36.5	199	19	
	7½	16.23	35.4	198†	13	
1922	8½	27 17.30	44 14 58.3	584	66	
1923	9	27 17.38	31 19 26.3	568	153	
1924	9	27 17.46	27 38 3.9	540	15	
	9½	17.51	5.0	156	131	
1925	8	27 20.08	63 12 1.0	574	56	
1926	9½	27 20.34	26 50 29.5	561	158	
1927	9½	27 20.76	27 38 4.7	540	17	
1928	9	27 22.24	34 59 38.3	572	104	
1929	8½	27 23.34	25 51 34.7	149	122	
	8½	23.34	34.6	561	157	
1930	8½	27 23.34	56 27 54.9	553	228	
	9	23.36	57.2	183†	169	
1931	9	27 23.82	32 31 38.5	570	124	
1932	9	27 23.98	24 18 23.3	133	143	
1933	9	7 27 24.34	36 48 50.0	534	132	
1934	8½	7 27 27.42	42 45 17.9	167	61	
	9	27.68	19.6	537	72	
1935	9	27 28.48	47 59 50.7	200	24	
1936	8	27 29.28	69 15 19.4	198†	15	
1937	9	27 29.47	42 49 8.9	537	73	
	9	29.52	9.4	167	62	
1938	9½	27 29.82	24 17 36.7	133	144	
1939	9	27 30.48	45 55 7.8	170	92	
	8½	30.64	8.3	172	89	
1940	8½	27 31.60	29 25 14.0	538	132	
1941	10	27 31.97	39 5 38.2	576	72	
1942	8½	27 31.98	66 43 24.8	556	82	
	8½	32.05	24.2	186†	98	
1943	8	27 33.82	57 7 53.4	553	230	
1944	9	27 34.00	27 41 36.1	156	133	
	9	34.04	34.7	540	18	
1945	8½	27 34.49	56 3 21.8	183†	168	
1946	9½	27 34.88	27 28 25.9	540	20	
1947	9	27 35.01	27 35 38.7	540	19	
	9	35.14	36.3	156	132	
1948	8½	27 35.57	50 20 34.6	559	118	
1949	8½	27 36.61	57 57 48.2	523	108	
1950	7	27 37.27	50 53 34.8	559	116	
1951	9	27 37.89	64 22 31.8	186†	100	
	9	37.97	32.8	556	83	
1952	9	27 38.50	43 49 12.0	537	75	
1953	9	27 38.89	59 19 58.8	523	110	
	9	39.26	59.6	589	20	
1954	9	27 39.65	77 40 17.8	527	63	
	9½	39.65	19.1	191†	58	
1955	8	27 39.66	52 38 7.4	554	192	
	8½	39.69	6.7	188†	143	
1956	9½	27 39.75	54 13 44.8	188†	145	
	9½	39.82	45.3	554	191	
1957	9½	27 40.70	28 18 15.3	204	17	
1958	6½	27 41.57	54 8 10.8	554	190	
	6½	41.58	9.8	188†	144	
1959	9	27 41.79	41 43 59.1	162	51	
1960	8½	27 44.99	71 58 41.1	580	39	
1961	8½	27 45.14	43 1 28.8	167	63	
	8½	45.14	29.1	537	74	
1962	9	27 45.57	28 8 37.2	207	26	
	9	45.68	37.9	204	18	
1963	10	27 45.66	77 41 15.6	191†	57	
	9½	46.08	18.4	527	64	
1964	8½	27 45.96	23 40 0.9	122	161	
1965	9½	27 46.28	29 23 9.0	538	133	
1966	9½	27 48.55	48 46 34.9	586	23	
1967	9	27 49.40	32 51 26.5	570	125	
	9	49.66	27.0	563	84	
1968	6½	27 49.76	35 41 38.0	532	125	
1969	7	27 50.09	64 14 52.0	556	84	
	7	50.58	52.0	186†	101	
1970	9	27 51.24	41 33 17.3	162	52	
1971	9	27 51.61	30 59 53.4	568	155	
	8½	51.74	54.0	595	11	
	9	51.75	53.6	566	133	
1972	8	27 51.95	59 50 48.5	523	109	
	8	52.01	49.2	589	18	
1973	9½	27 52.04	64 30 52.3	556	85	
1974	7	27 52.70	56 56 48.5	553	229	
1975	9	27 53.02	40 34 24.0	578	66	
1976	8½	27 53.77	37 54 28.1	535	137	
	8½	53.89	27.6	565	120	
1977	9	27 55.79	44 15 42.4	584	67	
1978	7	27 56.38	24 26 35.6	133	145	
1979	8	27 56.82	57 11 19.5	553	231	
1980	9	7 27 57.19	34 24 19.5	572	105	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1981	8	7 28 0.56	28 3 29.6	207	27	
	8	0.56	29.7	204	19	
1982	9	28 0.83	26 0 45.8	561	161	
1983	9	28 1.11	36 50 8.8	535	136	
	9	1.22	7.1	534	131	
1984	9½	28 2.74	23 44 17.1	122	162	
1985	8½	28 2.74	68 29 49.8	199	20	
1986	9	28 3.62	32 43 24.1	570	126	
1987	9½	28 3.95	40 35 6.9	578	67	
1988	9	28 6.37	29 29 35.3	538	135	
1989	8½	28 6.84	31 11 32.5	568	154	
	8½	7.09	33.2	595	10	
1990	10	28 9.99	40 57 15.9	162	53	
1991	9	28 11.11	38 42 19.0	565	121	
1992	8	28 11.81	26 48 11.2	540	21	
	8½	11.81	10.0	561	159	
1993	7½	28 12.57	60 58 59.5	574	58	
1994	9½	28 12.82	43 1 49.9	167	64	
1995	9½	28 12.93	26 7 0.3	561	162	
1996	9½	28 12.99	34 24 52.1	572	106	
1997	9½	28 14.73	29 31 14.5	538	136	
1998	9	28 16.09	34 19 4.9	572	107	
1999	9½	28 17.01	44 15 20.5	584	68	
2000	10	28 17.46	33 56 53.6	563	87	
2001	9	28 17.53	26 12 26.7	561	160	
2002	9½	28 17.64	40 25 37.4	578	68	
2003	8½	28 18.68	39 44 3.5	576	73	
2004	9	28 19.32	24 2 53.4	133	148	
2005	9	28 20.77	33 56 36.1	563	86	
2006	9½	28 21.17	24 29 37.4	133	147	
2007	9½	28 21.96	42 19 32.9	167	65	
2008	9	28 22.43	50 22 6.4	559	119	
2009	9	28 23.40	27 54 52.8	204	20	
	9	23.52	52.5	207	28	
2010	10	28 23.88	40 31 16.8	578	69	
2011	8½	28 24.00	28 26 28.1	201	13	
	9	24.04	28.0	207	30	
2012	9	28 24.80	33 47 16.7	563	88	
2013	9½	28 25.13	48 37 46.0	196†	20	
	9½	25.16	45.9	586	24	
2014	8½	28 25.43	29 33 15.4	538	134	
2015	9	28 25.78	59 17 34.6	523	111	
	8½	25.84	37.6	589	19	
2016	8½	28 28.02	46 40 30.1	172	91	
2017	9	28 29.36	50 57 30.7	559	120	
2018	9	28 30.32	45 50 52.6	172	90	
	9	30.42	52.7	170	94	
	9	30.44	52.5	170	93	
2019	9½	28 30.77	35 35 36.2	532	126	
2020	9	28 31.23	56 35 9.4	183†	171	
2021	8½	28 31.71	27 42 27.5	156	134	
2022	9	28 32.57	23 37 27.3	122	163	
2023	8½	28 35.65	58 11 10.3	589	21	
2024	9	28 36.39	24 29 0.2	133	146	
2025	9½	28 36.83	37 18 8.5	535	138	
2026	7½	28 38.00	78 54 53.6	191†	56	
	7½	38.15	55.5	527	65	
2027	9½	28 38.78	24 5 4.6	133	149	
2028	8	28 39.22	57 43 33.2	589	22	
2029	8	28 40.63	56 21 31.5	183†	170	
2030	9	28 40.81	57 18 35.6	553	233	
	9	40.96	35.7	183†	173	
2031	7½	28 42.35	33 7 49.4	570	127	
	7½	42.38	48.5	563	89	
2032	8½	28 44.32	23 25 56.7	122	164	
2033	9½	28 44.45	23 16 3.6	122	165	
2034	9½	28 45.34	51 3 8.5	559	121	
2035	8	7 28 45.94	70 29 31.9	198†	16	
	8½	46.42	34.2	199	21	
2036	9	7 28 46.67	34 45 58.6	572	110	
2037	9	28 48.72	61 8 57.0	574	59	
2038	9	28 49.97	48 14 49.2	200	25	
2039	8½	28 51.43	30 7 4.8	566	134	
	8	51.43	6.1	595	12	
	8½	51.47	4.5	538	137	
2040	8½	28 51.71	57 19 29.1	183†	172	
	8	51.89	29.0	553	232	
2041	7½	28 51.85	28 17 52.3	201	14	
	7½	52.05	51.9	207	29	
2042	9	28 53.58	54 14 41.1	188†	147	
2043	9	28 54.13	33 6 0.4	570	128	
2044	9	28 55.23	31 3 45.6	568	156	
2045	9½	28 57.79	28 24 47.9	201	16	
	9	58.02	51.9	207	31	
2046	9½	28 57.81	28 23 4.9	201	15	
	9	57.95	7.4	207	32	
2047	7	28 58.24	39 47 19.6	576	74	
2048	8½	28 58.35	49 35 15.8	196†	21	
	9	58.40	16.2	586	25	
2049	9	28 58.97	41 11 51.3	162	54	
2050	9	29 0.23	40 15 51.6	578	70	
2051	9	29 0.60	47 1 37.2	172	92	
2052	7	29 1.79	23 12 7.8	122	166	n. pr.
2053	9½	29 2.19	43 22 36.5	537	78	
2054	8	29 2.42	23 12 11.1	122	167	s. sq.
2055	9	29 2.79	68 19 4.7	199	22	
2056	9	29 5.40	26 11 16.2	561	163	
	9	5.61	18.1	149	123	
2057	9½	29 6.08	34 19 10.8	572	109	
2058	9½	29 6.33	34 17 51.4	572	108	
2059	7	29 6.36	57 40 25.8	589	23	
	7½	6.52	26.2	183†	174	
2060	9½	29 6.46	26 53 52.7	540	22	
	9½	6.52	54.1	156	135	
2061	9½	29 8.34	29 56 31.0	595	13	
2062	9½	29 8.75	36 9 41.3	534	134	dpl. II. s. pr.
2063	9½	29 10.96	34 56 49.4	532	129	
2064	7	29 12.53	42 48 54.7	537	76	
	7	12.68	54.0	167	66	
2065	8	29 15.72	35 41 25.8	532	127	
2066	7½	29 16.37	72 49 52.9	580	40	
2067	7	29 17.06	35 32 34.4	532	128	
2068	8½	29 18.08	34 44 28.0	572	111	
2069	9½	29 19.02	48 56 23.1	586	27	n. pr.
2070	8½	29 19.72	48 56 33.2	196†	22	s. sq.
	8½	19.88	33.7	586	26	
2071	6	29 19.79	36 4 2.4	534	133	
2072	7½	29 19.85	25 50 39.2	149	124	
	7	19.97	37.6	561	164	
2073	8½	29 20.08	54 44 5.8	215	1	
	9	20.11	3.2	188†	146	
2074	9½	29 20.56	27 58 38.5	540	25	
	9½	20.64	38.0	204	21	
2075	9	29 20.90	43 30 11.6	537	79	
2076	9½	29 21.53	36 6 24.9	534	135	
2077	9	29 21.96	22 56 8.4	122	168	
2078	9½	29 23.39	28 10 37.4	540	23	
	9	23.46	37.6	204	24	
2079	9	29 24.64	33 43 33.5	563	91	
2080	9½	29 24.86	32 26 22.7	570	131	
2081	10	29 25.76	44 14 16.0	584	69	
2082	9½	29 29.08	28 26 42.1	201	17	
	9	29.28	43.0	207	33	
2083	7	29 29.09	26 44 32.3	152	107	
2084	9	29 29.20	27 57 9.8	204	22	
	9	29.22	8.3	540	24	
2085	6½	7 29 30.64	33 11 37.7	563	90	
	6½	30.69	38.3	570	129	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
2086	9	7 29 32.83	67 53 20.4	199	23
2087	9	29 33.56	32 42 39.0	570	130
2088	8	29 34.73	25 45 40.7	561	165
	6½	34.77	43.7	149	125
2089	9½	29 34.80	79 42 38.2	527	66
2090	8	29 35.24	37 2 53.9	535	139
	8	35.27	53.0	534	136
2091	9½	29 35.34	30 5 28.0	566	135
2092	9	29 35.74	32 3 3.2	568	158
	9	35.99	1.2	570	133
2093	10	29 39.67	40 39 29.4	578	72
2094	9	29 40.16	31 52 10.4	568	160
	9	40.21	8.7	568	157
	9	40.23	7.5	570	132
2095	9	29 41.41	45 40 43.0	170	96
2096	9½	29 42.07	48 37 10.4	586	28
2097	9½	29 42.52	42 33 14.5	167	67
2098	7	29 42.60	39 38 7.5	576	75
2099	8½	29 43.13	35 16 44.6	532	130
2100	9	29 43.52	45 51 26.9	170	95
2101	9	29 43.74	47 31 58.9	200	26
2102	8	29 44.98	75 19 46.6	191†	59
2103	9	29 47.88	72 42 1.9	580	41
2104	7½	29 49.57	53 17 6.8	188†	148
	7	49.86	7.1	554	193
2105	7	29 49.57	42 50 31.1	167	68
	7	49.60	31.3	537	77
2106	9½	29 49.93	26 57 34.3	156	136
2107	8	29 49.96	29 8 10.9	538	138
2108	9	29 50.81	46 30 15.0	172	93
2109	9	29 52.57	32 9 53.8	568	159
	9	52.70	52.5	570	134
2110	9½	29 56.18	34 39 20.3	572	112
2111	9	29 56.81	43 23 58.7	537	80
2112	8	29 57.48	25 50 43.7	561	166
	8½	57.57	46.8	149	126
2113	9½	29 57.93	52 10 2.7	559	124
2114	9½	29 57.95	40 38 1.5	578	71
2115	9	29 58.48	41 22 24.7	162	55
2116	9	30 0.24	51 10 24.3	559	123
2117	9½	30 0.52	41 31 53.3	162	56
2118	8½	30 1.26	51 26 48.4	559	122
2119	9	30 2.12	25 1 47.2	133	150
2120	8	30 2.83	28 13 24.1	201	18
	8½	2.95	24.6	156	137
	8	3.03	25.9	204	23
	8	3.06	27.2	207	34
	8	3.07	25.3	540	28
2121	8	30 2.95	63 9 37.3	574	60
2122	9	30 4.24	47 41 55.4	200	27
2123	9	30 8.10	54 53 51.9	553	237
2124	9½	30 9.96	59 1 4.0	523	112
2125	8	30 11.54	46 27 54.3	172	94
2126	8½	30 11.59	61 25 24.1	574	61
2127	8½	30 14.25	54 41 22.0	215	2
	9½	14.34	20.5	554	194
2128	9½	30 15.42	37 36 22.8	535	140
2129	8	30 15.51	54 53 34.9	553	238
2130	8	30 17.40	41 47 59.0	162	57
2131	8½	30 18.04	25 7 12.1	133	151
2132	8½	30 18.38	66 4 48.3	556	86
2133	9	30 18.55	35 28 55.1	532	131
2134	8½	30 18.68	38 33 3.7	565	122
2135	9	30 19.23	45 43 16.5	170	98
2136	8½	30 19.33	45 37 14.8	170	97
2137	7½	30 19.49	64 6 17.6	556	88
	8	19.59	18.4	186†	102
2138	8½	30 19.73	31 14 5.9	569	161
2139	8	7 30 20.88	57 6 15.8	553	234
	9	21.00	16.9	183†	175
2140	5½	7 30 21.88	28 5 40.4	201	19
	5	21.91	37.9	156	138
	5½	21.92	39.7	204	25
	5½	21.95	38.0	540	27
	5½	21.98	38.1	207	36
2141	9½	30 22.82	28 6 15.8	201	20
	9	22.99	14.1	540	26
	9½	23.01	14.0	207	35
	9	23.04	14.8	204	26
	9	23.15	14.9	156	139
2142	7½	30 22.84	42 7 32.7	167	70
	8	23.00	32.6	162	58
2143	8½	30 23.51	25 52 44.4	149	127
	8	23.58	43.7	561	167
2144	9½	30 24.29	23 17 37.2	122	169
2145	9	30 24.36	49 23 16.6	586	31
	9½	24.53	13.0	196†	23
2146	8½	30 24.87	46 22 14.5	172	95
2147	9½	30 25.35	46 19 36.7	172	97
2148	10	30 25.42	28 6 40.9	207	37
2149	8½	30 26.04	46 52 4.0	200	28
2150	7	30 26.09	26 21 15.5	561	168
	7	26.21	14.8	152	108
2151	8½	30 27.31	49 28 45.1	196†	24
	8½	27.36	44.8	586	30
2152	9	30 27.55	71 44 14.4	580	42
2153	9½	30 27.86	35 46 35.8	532	132
2154	9	30 29.82	25 3 55.5	133	152
2155	8½	30 30.15	27 2 31.1	561	169
	8½	30.39	31.5	540	29
2156	8½	30 31.82	65 20 44.4	186†	103
	8	31.86	44.2	556	87
2157	9½	30 31.87	42 34 13.5	167	71
	9½	31.92	13.0	167	69
2158	9	30 32.69	23 14 42.5	122	171
2159	9½	30 32.73	51 12 39.2	559	126
2160	9½	30 33.70	29 5 42.1	538	142
2161	9	30 35.48	29 7 13.6	538	141
2162	8½	30 35.79	36 50 30.1	535	142
	8½	36.00	26.9	534	137
2163	9½	30 36.52	48 10 44.3	586	29
2164	7½	30 36.73	23 16 24.4	122	170
2165	9	30 37.31	51 51 17.6	554	195
	9½	37.46	17.2	559	125
2166	9	30 37.61	24 37 6.8	133	153
2167	8	30 38.19	46 29 8.6	172	96
2168	8½	30 38.59	29 43 29.2	538	139
2169	9½	30 39.25	45 41 7.9	170	99
2170	9½	30 41.13	43 51 19.3	584	70
2171	8½	30 41.34	54 29 5.7	553	235
	9½	41.79	7.0	183†	176
2172	9½	30 42.17	28 15 15.1	204	27
2173	10	30 42.53	34 59 56.5	572	113
2174	9	30 44.43	54 26 58.9	553	236
2175	9½	30 44.75	31 34 8.0	568	162
2176	8½	30 44.90	38 36 8.8	565	123
2177	9	30 46.28	32 56 26.9	563	92
2178	8½	30 48.51	25 14 10.5	149	129
2179	9	30 49.21	29 46 61.0	566	136
	8½	49.24	58.1	538	140
2180	7½	30 51.05	44 25 7.7	584	71
2181	8½	30 52.28	38 47 23.3	565	124
	8½	52.38	22.5	576	76
2182	7½	30 52.50	50 34 7.1	559	128
2183	9	30 54.69	23 37 8.0	122	173
2184	9	30 55.14	32 54 57.8	570	138
	9	55.16	56.8	563	93
2185	9½	30 55.23	74 49 32.9	191†	61
2186	9	30 55.53	32 18 0.9	570	135
2187	9½	7 30 55.66	54 34 56.8	183†	177

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
2188	7	7 30 56.34	44 1 18.3	537	81
	7½	56.39	18.5	584	73
2189	8½	30 56.53	25 10 45.4	149	128
2190	8	30 58.13	23 33 43.7	122	172
2191	8½	30 58.22	29 4 54.3	538	143
2192	9½	30 58.22	26 2 45.4	561	170
2193	9	30 58.58	38 43 29.4	565	125
2194	9½	30 58.98	67 33 3.5	199	24
2195	8½	30 59.30	37 8 40.4	535	141
	8	59.51	40.1	534	141
2196	8½	30 59.92	31 55 49.0	568	163
2197	8	31 1.03	66 54 48.1	186†	104
	8½	1.20	48.3	198†	17
	8	1.27	48.1	556	89
	8	1.42	50.1	199	26
2198	9	31 1.15	38 38 47.0	565	126
2199	9	31 2.76	40 34 7.8	578	73
2200	9½	31 3.02	52 26 6.5	188†	151
	9	3.12	6.8	554	199
2201	8	31 3.74	27 13 40.2	156	141
	8	3.89	38.0	540	30
2202	9½	31 4.63	43 58 59.3	584	72
2203	8	31 4.85	35 53 13.1	532	133
2204	10	31 4.90	23 50 3.7	133	156
2205	9½	31 5.71	24 34 4.2	133	154
2206	9½	31 6.12	43 58 54.3	537	82
2207	9½	31 6.64	35 32 3.3	532	134
2208	8	31 6.92	52 59 28.7	554	196
	8½	7.18	28.6	188†	149
2209	7½	31 7.26	33 6 58.6	563	94
	7½	7.34	60.3	570	137
2210	8½	31 7.48	38 34 57.1	565	127
2211	9½	31 8.39	72 38 53.5	580	43
2212	9	31 8.75	36 32 50.7	534	138
2213	9	31 9.18	32 33 36.6	570	136
2214	8½	31 9.40	39 7 39.9	576	77
2215	9½	31 9.92	30 24 47.3	566	138
2216	8	31 11.43	28 58 16.0	538	144
	8½	11.49	16.9	207	39
	8½	11.69	17.9	201	22
2217	10	31 12.21	33 3 6.7	563	95
2218	9	31 12.76	28 7 41.7	204	28
	9	12.81	40.2	201	21
	9½	12.90	41.7	207	38
	9½	13.15	40.9	156	140
2219	9½	31 13.26	34 58 33.1	572	114
2220	9	31 13.88	37 22 4.7	535	144
2221	9½	31 14.67	45 6 34.0	170	100
2222	10	31 18.76	35 30 2.0	532	135
2223	9½	31 19.03	30 15 11.4	595	14
2224	9½	31 19.42	41 40 37.4	162	59
2225	9½	31 19.57	32 0 8.8	568	164
2226	7½	31 19.88	25 3 19.5	149	130
2227	7½	31 21.28	58 55 30.7	523	113
	7½	21.49	29.2	589	24
2228	9	31 22.20	27 17 58.7	540	31
2229	9	31 23.52	30 22 36.0	595	15
	9½	23.80	33.8	566	137
2230	8½	31 23.67	63 3 14.3	574	62
2231	8½	31 24.86	36 48 5.4	534	142
2232	7½	31 27.04	52 42 10.0	188†	150
	8	27.11	11.7	554	197
2233	9½	31 27.07	41 11 56.2	162	60
	9	27.17	56.2	578	74
2234	6½	31 27.38	51 11 56.3	559	127
2235	9½	31 27.58	34 59 14.4	572	115
2236	9	31 27.74	36 25 23.7	534	139
2237	9	7 31 28.07	23 49 49.4	122	174
	8½	28.08	48.7	133	155
2238	9½	7 31 28.35	28 40 30.8	204	29
2239	7½	31 28.50	37 10 9.0	535	143
	7½	28.51	8.3	534	140
2240	8½	31 30.01	44 7 31.2	537	83
	8½	30.03	29.6	584	74
2241	9	31 34.26	46 18 4.8	172	98
2242	7½	31 34.66	53 47 28.0	215	4
2243	8	31 36.37	52 32 5.9	554	198
	8	36.52	7.2	542	1
2244	9½	31 36.89	32 51 3.3	570	139
2245	9½	31 39.26	49 16 25.5	196†	25
2246	10	31 40.65	73 6 39.1	580	44
2247	9	31 41.57	38 33 42.6	565	128
2248	8½	31 41.73	24 1 8.1	133	157
	8	41.82	7.7	122	175
2249	8	31 42.30	31 2 33.5	595	16
	8	42.47	33.3	566	139
2250	9	31 42.89	43 43 48.7	537	84
2251	8	31 43.05	27 0 55.4	561	172
	8½	43.21	56.1	156	143
	8½	43.33	54.1	540	32
2252	8½	31 43.08	23 44 3.3	122	176
2253	8½	31 44.91	35 18 38.3	532	137
2254	8	31 47.70	53 38 38.1	215	3
2255	8½	31 49.69	53 40 8.1	215	5
2256	9	31 50.83	29 5 17.5	207	40
	9½	50.84	19.9	204	31
	8½	50.87	20.2	538	146
2257	9	31 52.29	25 34 28.1	149	131
2258	9	31 53.68	73 6 37.7	580	45
2259	9	31 54.57	67 8 8.4	556	90
	8½	54.64	7.5	186†	105
	9	54.91	9.6	199	25
2260	7	31 56.44	26 32 6.5	561	171
2261	9	31 56.47	25 39 13.1	149	132
2262	9½	31 58.30	28 52 29.2	201	23
	9	58.40	27.1	538	145
	9½	58.43	27.5	204	30
2263	7½	31 59.67	27 8 33.3	561	173
	7½	59.73	34.4	156	142
	7½	59.81	34.0	540	33
2264	7	31 59.86	23 29 46.2	122	177
2265	9	32 1.92	31 3 20.3	595	17
	9	1.97	20.2	566	140
2266	9	32 2.19	45 14 13.7	170	101
2267	10	32 2.34	48 32 0.2	586	33
2268	7½	32 3.59	40 15 6.2	578	75
2269	9	32 4.10	48 3 37.4	200	29
2270	9	32 4.30	35 35 52.5	532	136
2271	8	32 4.81	49 33 11.7	196†	26
	8	4.96	10.3	586	32
	8½	5.20	11.7	559	129
2272	8	32 5.85	52 26 51.2	554	201
	8	5.92	51.2	542	2
	8½	5.98	50.0	188†	152
2273	8½	32 6.02	75 8 28.2	580	46
	8½	6.42	29.8	527	69
	8	6.44	30.9	194†	1
	9	6.91	27.1	191†	60
2274	9	32 8.09	41 48 14.4	162	61
2275	9½	32 8.86	58 3 0.0	523	114
2276	8	32 9.38	55 29 48.1	183†	179
	7½	9.46	50.1	546	1
2277	9	32 9.60	34 0 12.0	572	117
	9½	9.79	10.6	563	96
2278	9	32 9.94	61 38 7.1	574	63
2279	8	32 10.17	59 58 8.9	523	116
	8	10.25	10.3	589	25
2280	9	7 32 10.49	29 59 54.6	538	147

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2281	9	7 32 11.00	56 29 7.1	553	240	
2282	9½	32 11.51	28 10 56.5	204	32	
	9½	11.64	57.0	207	41	
2283	9½	32 11.76	75 18 45.5	527	70	
	9½	11.86	47.3	194†	2	
2284	7½	32 13.07	46 52 38.8	172	99	
	7½	13.23	40.5	200	30	
2285	9	32 13.35	34 49 19.0	572	116	
2286	9	32 14.47	54 48 33.0	183†	178	
	8½	14.57	34.7	546	3	
2287	8	32 16.39	39 35 2.2	576	78	
2288	9	32 16.82	39 45 17.6	576	79	
2289	10	32 17.64	24 18 37.1	133	158	
2290	9	32 18.69	28 11 54.4	204	33	
	9½	18.73	53.3	207	42	
2291	9½	32 19.64	41 2 0.1	578	76	
2292	9	32 20.61	32 9 20.7	568	165	
	9	20.74	19.5	570	141	
2293	7	32 21.52	44 40 41.2	584	75	
2294	8½	32 22.77	52 10 27.5	212	1	
	8½	22.78	25.8	559	132	
	8½	22.81	26.8	542	4	
	9	22.82	27.9	188†	154	
	8½	22.83	27.5	554	202	
2295	8½	32 22.83	25 10 21.9	149	133	
2296	9	32 23.38	42 40 36.7	167	72	
2297	10	32 23.66	24 16 56.8	133	159	
2298	9	32 24.63	34 0 48.9	572	118	
	9½	24.69	48.5	563	97	
2299	9	32 24.72	31 59 6.9	568	166	
	9	25.10	6.1	570	140	
2300	9½	32 25.43	35 59 51.4	534	143	
2301	8	32 26.72	30 30 42.1	595	18	
2302	9½	32 27.73	33 59 24.3	563	98	
2303	6	32 27.96	78 49 48.3	191†	64	
	6	28.07	47.7	527	67	
	6	28.48	49.8	194†	4	
2304	8½	32 29.18	58 22 42.8	523	117	
	8½	29.22	41.2	523	115	
	8	29.40	42.5	589	26	
2305	8	32 29.54	55 33 30.0	546	2	
	8	29.72	31.2	553	242	
	8½	29.92	32.2	183†	180	
2306	9	32 29.80	50 16 28.8	559	131	
	8½	29.91	30.3	548	1	
2307	8	32 30.26	57 16 33.3	553	239	
	8½	30.30	34.0	544	1	
2308	9½	32 31.31	38 54 23.3	565	129	
	9½	31.32	23.9	565	131	
2309	8	32 31.57	49 39 36.9	196†	27	
	8	31.61	34.7	559	130	
	8	31.70	34.3	548	2	
2310	9½	32 32.30	30 31 9.6	595	20	
2311	5	32 34.18	52 15 19.8	542	3	
	5	34.26	18.3	188†	153	
	5½	34.28	19.3	554	200	
	5½	34.43	19.9	212	2	
2312	8½	32 35.92	44 7 6.1	537	85	
	8½	36.05	5.5	584	78	
2313	9½	32 37.26	46 47 25.1	172	100	
2314	10	32 38.66	41 15 44.6	162	62	
2315	8½	32 39.93	27 0 5.5	561	174	
	8½	40.10	5.0	540	34	
	8½	40.10	6.8	156	144	
2316	9	32 40.13	32 2 45.9	570	143	
	9	40.24	48.6	568	167	
2317	7½	32 40.18	53 50 56.8	215	6	
2318	9	7 32 41.07	32 6 57.0	568	168	
	8½	41.32	54.7	570	142	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2319	8	7 32 42.12	48 34 5.3	586	34	
2320	7	32 42.35	39 54 40.4	576	80	
	7½	42.38	41.5	578	77	
2321	9	32 43.46	30 20 56.1	595	19	dpl. II.
2322	9	32 43.70	36 5 21.3	532	139	
2323	8	32 43.79	46 57 46.2	172	101	
	8	43.92	47.1	200	31	
2324	4½	32 44.65	34 41 18.7	572	119	
2325	7	32 45.88	44 42 27.8	584	76	
2326	9	32 47.01	23 25 24.4	122	178	
2327	9	32 47.80	26 57 20.7	540	35	
	8½	47.99	18.7	561	175	
	9	48.03	21.2	156	145	
2328	9	32 48.70	44 59 41.1	170	104	
2329	7	32 51.67	36 8 10.7	534	145	
	7½	51.75	10.7	532	138	
2330	8½	32 52.12	57 18 7.7	553	241	
	8	52.22	9.5	544	2	
2331	9½	32 52.76	30 55 35.9	566	141	
2332	9½	32 53.33	44 12 11.6	537	86	
	9	53.38	13.3	584	79	
2333	9½	32 54.05	35 59 9.1	534	144	
	9½	54.08	16.8	532	140	
2334	9½	32 54.25	25 5 22.0	133	160	
	8½	54.31	22.0	149	135	
2335	8½	32 54.34	60 48 20.5	574	64	
2336	9	32 54.37	29 5 18.9	538	148	
2337	9	32 54.38	46 3 31.7	170	102	
	9	54.44	32.4	172	103	
2338	9	32 55.87	37 24 23.7	535	145	
2339	9	32 56.16	38 46 26.3	565	130	
2340	9	32 56.61	38 55 13.2	565	132	
	9	56.69	13.7	576	81	
2341	7½	33 1.38	45 9 5.3	170	103	
2342	7½	33 3.20	44 44 52.4	584	77	
2343	9	33 3.39	25 59 54.4	561	176	
2344	5½	33 5.99	25 4 54.4	133	161	
	6	6.17	56.5	149	134	
2345	8	33 7.12	28 27 16.1	201	24	
	8½	7.30	15.7	207	43	
2346	7	33 8.63	34 59 48.4	572	122	
2347	7	33 8.85	31 50 51.2	568	169	
	7	9.05	51.4	570	144	
2348	8½	33 10.73	35 49 55.7	532	142	
2349	8½	33 11.83	26 52 7.6	156	146	
	8½	11.96	7.3	540	36	
2350	9	33 12.33	46 1 51.5	172	104	
2351	9	33 12.97	63 13 3.0	574	65	
2352	10	33 13.47	37 24 38.2	535	146	
2353	6	33 13.91	48 32 59.7	586	35	
	6	14.16	59.0	196†	30	
2354	9½	33 14.25	36 54 38.5	534	146	
2355	9½	33 14.81	23 27 27.8	122	180	
2356	9	33 15.09	28 9 9.1	156	147	
	9	15.13	7.1	204	34	
	9	15.14	7.7	540	37	
	9	15.19	9.6	207	44	
	9	15.23	7.6	204	35	
2357	9	33 15.38	53 34 44.1	554	205	
	9	15.46	43.6	188†	157	
	8½	15.46	42.8	215	7	
2358	9	33 15.82	45 18 6.1	170	106	
2359	9	33 16.50	37 40 12.2	535	147	
2360	8	33 17.25	46 50 47.3	172	102	
	8½	17.51	49.1	200	32	
2361	7½	33 18.35	53 32 28.7	215	8	
	8½	18.49	27.4	188†	156	
	8	18.59	26.6	554	204	
2362	9½	7 33 19.56	23 32 58.1	122	179	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2363	8½	7 33 19.91	34 30 50.8	572	120	
2364	7	33 19.97	37 43 49.7	535	148	
2365	9	33 20.54	49 38 17.6	548	3	
	8½	20.57	16.3	196†	28	
	8½	20.72	18.3	586	37	
2366	9½	33 21.74	30 32 45.2	595	22	
2367	9½	33 21.96	28 54 52.9	538	149	
2368	7	33 22.38	55 36 29.0	183†	181	
	7	22.39	30.3	553	243	
	7	22.58	30.7	546	4	
2369	9½	33 22.76	33 31 28.9	563	99	
2370	9	33 23.03	49 20 34.6	586	36	
	9	23.29	35.1	196†	29	
2371	8½	33 24.31	35 49 43.9	532	141	
2372	9½	33 26.39	28 57 0.2	538	150	
2373	9	33 26.65	30 28 57.9	595	21	
2374	9	33 28.76	45 8 35.7	170	105	
2375	9½	33 29.29	65 59 46.5	556	91	
2376	7	33 29.50	68 29 29.7	198†	18	
	7	29.86	30.8	199	27	
2377	10	33 30.59	65 24 47.2	186†	107	
2378	7½	33 30.75	26 1 60.0	149	136	
	7½	30.79	57.3	561	177	
2379	9	33 30.81	42 36 20.1	167	73	
2380	9	33 30.92	51 34 57.3	542	6	
2381	9½	33 31.44	29 46 47.1	566	142	
2382	7	33 32.68	53 54 23.9	188†	158	
	7	32.88	24.7	554	206	
	7	32.94	24.3	215	9	
2383	9	33 33.91	34 58 7.2	572	123	
2384	10	33 35.85	27 53 7.8	540	38	dpl. III.
2385	7	33 35.97	57 1 3.5	544	3	
	7½	36.00	4.7	183†	182	
	7	36.09	4.2	553	244	
2386	8½	33 36.19	32 13 2.0	568	170	
	8½	36.31	0.9	570	145	
2387	9	33 37.60	37 43 48.1	535	149	
2388	9	33 37.70	43 46 52.9	537	87	
2389	8	33 37.78	34 41 48.6	572	121	
2390	9	33 37.95	36 13 18.7	534	147	
2391	10	33 37.96	77 16 37.3	191†	62	
2392	8	33 38.75	31 34 44.4	568	171	
2393	8½	33 40.38	62 45 43.9	574	66	
2394	9	33 41.73	32 48 11.7	570	146	
2395	5	33 42.14	26 31 7.0	561	179	} dpl.
2396	4½	33 42.65	26 31 13.4	561	178	
2397	8½	33 44.56	39 11 14.2	576	82	
	8½	44.71	15.1	565	133	
2398	9½	33 45.61	44 16 23.0	584	80	
2399	9	33 46.35	57 24 40.7	523	118	
	8½	46.52	39.0	544	4	
	9	46.70	41.1	589	27	
2400	9	33 48.93	71 0 52.6	198†	19	
	9½	49.22	55.3	199	28	
2401	9½	33 51.51	43 43 23.9	537	88	
2402	9	33 52.73	46 1 40.1	172	105	
2403	8½	33 53.01	31 29 59.0	568	172	
2404	8½	33 53.44	74 39 21.6	580	47	
2405	8	33 53.72	30 10 41.7	595	24	
2406	8	33 54.10	31 26 45.3	568	173	
2407	9	33 55.34	30 34 53.3	595	23	
2408	8	33 56.30	52 5 1.1	188†	155	
	8	56.37	1.4	559	133	
	8	56.47	3.4	554	203	
	8	56.47	2.6	212	3	
	8	56.59	1.0	542	5	
2409	9	33 56.34	62 40 39.7	574	67	
2410	9	7 34 0.26	25 9 36.8	133	162	
	8½	0.29	38.2	149	137	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
2411	9½	7 34 0.61	45 39 42.7	170	108
2412	9½	34 0.70	78 25 5.3	194†	3
	9½	0.77	2.3	527	68
2413	9½	34 0.78	65 17 18.4	186†	106
2414	7	34 1.08	74 1 1.5	580	49
2415	8½	34 1.99	51 23 39.2	542	7
	9	2.06	38.6	559	134
2416	8½	34 2.21	43 21 30.1	537	92
2417	9½	34 2.43	43 46 11.3	537	89
2418	8½	34 3.60	29 51 14.6	566	143
	8½	3.73	15.0	595	25
2419	7	34 4.10	74 25 2.3	580	48
2420	8½	34 4.12	38 25 17.2	565	134
2421	8½	34 5.20	53 47 60.1	188†	159
	8	5.33	60.7	554	207
	7½	5.39	59.4	215	10
2422	9½	34 5.74	41 52 19.1	167	74
	10	5.86	18.2	162	63
2423	9	34 5.92	36 12 60.0	534	148
	9	6.00	57.4	532	145
2424	7	34 7.36	39 42 28.1	576	83
2425	9	34 7.71	36 10 35.7	534	150
2426	8½	34 9.00	59 20 8.6	589	29
2427	9	34 9.32	39 24 31.9	576	84
2428	7	34 10.23	38 29 45.2	565	135
2429	9	34 10.79	26 8 19.8	149	139
2430	6½	34 12.09	36 12 44.8	534	149
	6	12.38	42.5	532	144
2431	8	34 12.56	29 11 22.9	204	36
2432	8½	34 13.23	66 22 19.3	556	92
2433	9	34 13.36	23 56 39.0	122	181
	8½	13.40	39.5	133	163
2434	8½	34 13.83	26 23 59.9	561	182
2435	8	34 16.13	58 5 47.4	523	119
	8	16.20	46.6	589	28
2436	9½	34 16.65	42 8 51.1	167	75
2437	9½	34 17.50	70 59 0.5	198†	20
2438	9½	34 17.77	24 17 36.7	133	164
2439	8	34 18.66	51 8 12.8	559	135
2440	9	34 18.77	33 36 51.0	563	101
2441	7	34 19.74	26 34 37.1	561	181
2442	9	34 20.21	44 6 23.7	537	90
	9	20.24	22.3	584	81
2443	9	34 22.17	33 33 46.5	563	100
2444	8½	34 22.47	55 55 10.1	546	5
	8½	22.56	13.1	544	6
2445	7	34 22.81	26 37 57.8	561	180
2446	9	34 24.18	42 11 46.5	167	76
2447	9	34 24.74	35 52 53.4	532	143
2448	9	34 25.91	55 54 58.6	544	7
	10	26.07	57.4	546	7
2449	8½	34 26.90	26 11 18.9	561	183
	8½	27.01	19.7	149	138
2450	8	34 27.20	31 1 1.0	568	174
	8	27.32	2.2	595	27
	8	27.43	0.5	566	144
2451	8½	34 27.20	28 57 2.0	204	37
	9	27.31	2.4	207	45
	8½	27.39	0.8	538	151
	8½	27.50	1.4	201	25
2452	8	34 27.67	77 33 38.9	191†	63
2453	9	34 27.84	48 59 18.0	586	38
2454	9½	34 28.73	36 7 22.8	534	151
2455	9½	34 29.48	32 8 37.0	570	147
2456	9	34 31.85	23 34 39.3	122	182
2457	9½	34 31.99	35 2 21.2	572	124
2458	9½	34 33.94	23 43 14.2	122	183
2459	8	34 35.50	45 15 45.1	170	107
2460	8½	7 34 35.57	22 59 43.2	122	185

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
2461	9½	7 34 36.06	23 42 15.4	122	184
2462	8½	34 37.29	23 4 33.2	122	186
2463	9	34 37.32	43 15 53.0	537	93
2464	9½	34 38.28	28 43 43.7	207	48
2465	7½	34 39.45	28 54 18.7	201	26
	7½	39.51	18.4	207	47
	7½	39.64	18.4	538	152
	7½	39.74	18.2	204	38
2466	9	34 40.79	33 58 39.6	563	104
2467	8	34 40.82	40 31 9.6	578	78
2468	8½	34 42.06	59 18 39.3	523	120
	9	42.10	38.8	589	30
2469	9	34 42.15	33 29 33.5	563	102
2470	9	34 42.43	72 18 36.3	580	50
2471	8	34 43.43	25 33 33.9	149	140
2472	9	34 43.91	43 18 33.8	537	91
2473	8½	34 44.84	44 18 3.0	584	83
2474	8	34 45.28	61 35 30.5	574	68
2475	10	34 45.39	41 1 47.2	578	79
	9½	45.66	45.5	162	65
2476	6	34 46.27	48 18 62.5	196†	32
	6	46.42	60.4	586	39
	6	46.44	59.7	200	35
2477	9	34 46.32	30 22 18.1	566	145
2478	8½	34 47.32	24 26 6.7	133	165
2479	9	34 48.41	47 24 59.7	200	34
2480	9	34 48.53	25 15 46.6	149	141
2481	9	34 49.16	48 23 6.8	586	40
	9	49.23	6.4	200	36
	8½	49.24	8.1	196†	31
2482	8	34 49.57	47 25 36.1	200	33
2483	9½	34 51.36	41 14 58.2	162	64
2484	8½	34 53.43	24 15 8.2	133	166
2485	8½	34 53.80	44 32 40.6	584	82
2486	9½	34 53.98	24 9 19.6	133	167
2487	9½	34 55.45	34 55 43.0	572	125
2488	8	34 55.86	28 58 32.7	201	27
	8	56.02	27.8	207	46
	8	56.03	30.3	204	39
	8½	56.05	29.8	538	153
2489	9	34 56.83	35 57 24.0	534	152
	9	56.87	24.4	532	148
2490	9½	34 57.40	47 6 50.8	172	106
2491	9	34 58.48	33 2 40.0	570	151
2492	9	34 58.75	31 11 36.6	568	177
2493	8½	34 58.87	38 9 25.9	535	150
2494	7½	34 59.73	51 21 34.2	559	136
	7½	59.87	35.3	542	8
2495	9½	35 1.70	24 13 17.9	133	168
2496	8½	35 1.78	34 4 32.0	572	127
	8½	1.87	32.1	563	103
2497	7½	35 2.05	32 17 26.9	570	149
2498	5½	35 3.23	38 1 17.3	535	151
	5½	3.30	18.5	565	138
2499	9	35 3.39	32 14 37.9	570	148
2500	8	35 5.44	36 12 59.0	534	154
	8	5.50	56.8	532	146
2501	9	35 5.72	37 4 20.6	534	156
2502	8	35 5.92	56 55 57.0	183†	183
	8	5.99	58.1	553	245
2503	9	35 7.24	47 15 53.3	200	38
2504	8½	35 7.42	31 13 31.0	568	175
2505	8	35 7.65	38 34 40.4	565	136
2506	7½	35 8.38	29 52 50.5	595	26
2507	9	35 8.40	34 51 23.2	572	126
2508	8½	35 9.73	32 25 28.2	570	152
	9	9.74	29.2	570	150
2509	8	35 10.33	26 18 9.0	561	184
2510	8½	7 35 10.83	75 15 4.0	194†	5
	9	11.15	1.9	527	71
2511	9½	7 35 13.67	57 18 13.3	553	246
2512	8½	35 13.69	55 53 41.1	546	6
	9	13.90	43.7	183†	184
	8½	13.97	43.0	544	5
	8½	14.01	44.3	544	8
2513	9½	35 14.63	48 34 59.3	196†	33
	9½	14.74	58.3	586	42
2514	8	35 16.01	70 6 9.7	199	29
	8	16.07	7.0	198†	21
2515	9	35 16.28	30 13 57.7	566	146
	9½	16.34	56.7	595	28
2516	8½	35 17.12	29 24 12.7	538	154
2517	8½	35 17.49	35 56 50.7	534	153
	8½	17.62	50.9	532	147
2518	6½	35 18.82	37 51 8.8	565	139
	6	18.86	7.0	535	152
2519	9	35 18.82	53 43 22.3	215	11
	9	18.96	23.3	188†	160
	8½	19.03	23.0	554	208
2520	9½	35 19.37	31 7 31.1	568	176
2521	9	35 20.99	46 53 16.2	172	107
2522	8	35 21.44	28 38 22.2	204	40
	8½	21.52	24.0	201	28
	8	21.59	21.3	207	49
2523	8½	35 22.12	69 51 59.5	198†	23
	9	22.22	60.5	199	31
2524	10	35 22.36	45 52 46.0	170	110
2525	9½	35 22.78	43 11 20.2	537	96
	10	23.17	20.1	167	77
2526	9	35 23.25	49 24 0.5	548	4
2527	6	35 23.30	37 58 23.2	535	153
	6½	23.35	22.9	565	137
2528	8½	35 24.02	36 52 27.1	534	157
2529	8½	35 24.75	63 55 53.4	556	94
	9	24.83	53.9	186†	108
2530	9½	35 26.17	50 18 3.4	548	7
2531	8	35 27.33	27 55 51.7	540	39
	8	27.35	50.6	156	148
	7½	27.37	50.1	204	41
	8	27.43	51.9	207	50
2532	9	35 27.52	45 0 42.0	584	84
2533	8½	35 27.79	63 1 0.9	574	70
2534	8½	35 29.32	39 59 17.2	578	80
	8½	29.52	16.4	576	85
2535	7½	35 29.99	53 49 52.9	215	12
	8	30.13	51.9	188†	161
	8	30.27	52.2	554	209
2536	9	35 30.30	46 0 11.7	170	109
2537	9	35 30.36	37 5 12.2	534	155
	8½	30.46	13.0	535	155
2538	6½	35 30.42	37 17 29.6	535	154
2539	8	35 30.99	67 0 49.5	186†	110
	8	31.32	49.0	556	93
2540	9	35 31.55	23 47 55.7	122	187
2541	7½	35 32.54	50 17 33.4	548	6
	7½	32.70	30.6	559	139
2542	8½	35 32.67	52 13 6.0	212	4
	8½	32.68	5.4	542	9
2543	9	35 33.02	30 13 27.8	566	147
2544	8	35 34.49	23 59 7.1	122	189
2545	9½	35 36.95	24 19 23.2	133	169
2546	8	35 37.42	50 47 20.1	559	137
2547	7	35 39.52	27 39 20.9	156	149
	7	39.56	20.9	540	40
2548	8	35 40.18	69 57 45.0	198†	22
	8½	40.34	46.5	199	30
2549	8	35 40.38	42 59 30.3	537	94
	7	40.47	30.9	167	79
2550	9	35 40.47	46 26 15.6	172	109
2551	9	7 35 40.47	25 12 51.3	149	142

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2552	9	7 35 42.15	26 3 49.0	561	185	
2553	9	35 43.73	34 11 15.0	572	128	
2554	8	35 44.14	54 21 14.3	215	14	
	8½	44.23	9.4	188†	164	
	8	44.35	12.0	554	211	
2555	9	35 44.46	33 45 46.7	563	105	
2556	9	35 44.89	29 29 49.4	538	155	
2557	9	35 44.92	43 7 16.6	537	95	
	9	45.04	14.0	167	78	
2558	9	35 45.25	24 18 24.7	133	170	
2559	9	35 46.93	59 3 39.7	523	121	
2560	8	35 47.03	33 8 29.7	563	107	
2561	9½	35 47.09	30 13 28.8	595	29	
2562	7½	35 47.27	48 45 50.8	196†	34	dpl. III. s. pr.
	7	47.45	49.0	586	41	
2563	9	35 47.85	57 7 11.8	553	247	
2564	9	35 50.21	29 52 44.7	566	148	
	9½	50.61	44.4	595	30	
2565	9½	35 50.33	29 27 8.2	538	157	
2566	8	35 51.13	42 11 6.5	162	66	
2567	8	35 53.00	47 15 37.1	200	37	
2568	9½	35 54.80	55 57 31.1	544	10	
2569	8½	35 55.39	26 53 43.6	561	186	
	8½	55.71	43.3	540	41	
2570	8	35 55.48	52 40 29.8	212	5	
	8	55.49	28.8	542	10	
2571	8½	35 56.40	25 19 57.7	149	143	
2572	8	35 56.55	31 13 42.6	568	178	
2573	7½	35 56.64	67 5 40.5	556	95	
	7½	56.64	38.5	186†	111	
2574	9½	35 56.82	39 18 56.1	576	88	
2575	9½	35 57.76	62 58 54.3	574	71	
2576	9	35 58.26	23 52 35.7	122	188	
2577	8½	35 58.59	29 15 31.4	538	158	
2578	9	35 58.75	49 54 39.4	548	5	
	8½	58.85	38.1	559	138	
2579	6½	35 59.41	52 59 9.9	212	6	
2580	7	35 59.74	55 56 33.8	553	250	
	7	59.79	34.7	544	9	
	7	59.85	33.6	183†	185	
	7	59.86	33.3	546	8	
2581	9	36 0.35	29 27 9.6	538	156	
2582	7	36 0.44	39 7 44.9	576	87	
	7½	0.51	45.7	565	140	
2583	9	36 0.65	33 46 31.8	563	106	
2584	9½	36 1.55	28 39 25.0	201	29	
	9	1.61	27.1	204	42	
	9½	1.79	29.0	207	52	
2585	6½	36 1.79	31 22 16.3	568	179	
2586	8½	36 2.47	31 23 55.9	568	180	
2587	9	36 2.47	53 52 45.5	188†	162	
	8½	2.48	46.3	554	210	
	8	2.57	47.6	215	13	
2588	9	36 3.41	42 2 22.5	167	80	
	9½	3.67	22.4	162	68	
2589	8½	36 3.42	46 46 6.3	172	108	
2590	9½	36 3.83	39 14 43.4	576	86	
2591	9½	36 6.12	56 58 32.0	544	11	
	9½	6.15	30.1	553	248	
2592	9	36 6.70	34 19 15.5	572	129	
2593	8½	36 7.16	45 40 48.4	170	111	
2594	8½	36 10.17	44 52 35.3	584	85	
	8½	10.23	36.4	584	88	
2595	8	36 11.40	44 8 39.9	584	86	
	8	11.51	41.0	537	97	
2596	8	36 11.62	31 23 34.8	568	181	
2597	9½	36 12.03	28 33 31.9	204	43	
	9½	12.14	32.7	207	51	
2598	10	36 12.96	29 55 9.9	595	31	
2599	9	7 36 13.02	35 21 7.9	532	149	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2600	9	7 36 13.63	42 4 19.1	162	67	
2601	9½	36 13.86	53 0 47.4	212	7	
2602	9½	36 14.37	24 15 13.2	133	171	
2603	10	36 17.29	24 14 28.1	133	172	
2604	9½	36 17.83	58 20 32.0	523	122	
2605	9	36 18.18	62 1 7.5	574	69	
2606	8	36 19.09	45 3 37.4	584	89	
	8	19.16	36.4	170	113	
2607	8½	36 20.02	55 26 48.2	546	9	
	8	20.06	48.7	553	252	
	9	20.23	48.3	183†	186	
2608	9½	36 21.67	54 47 6.7	183†	187	
2609	9	36 21.87	44 1 49.4	537	98	
	9	22.06	50.0	584	87	
2610	9½	36 22.44	65 20 27.5	186†	109	
	9	22.50	27.9	556	98	
2611	8½	36 22.56	50 36 18.8	548	9	
2612	7½	36 24.21	70 14 20.9	198†	24	
	7½	24.33	23.8	199	32	
2613	8½	36 26.14	32 21 8.5	570	153	
2614	9	36 26.29	37 10 45.5	535	156	
2615	9	36 27.87	31 17 8.9	568	182	
2616	9	36 27.87	49 8 26.7	586	44	
	8½	28.02	26.0	196†	35	
2617	8½	36 28.15	54 0 30.1	188†	165	
	8	28.29	32.3	215	15	
	8½	28.35	32.7	554	212	
	9	28.38	30.0	188†	163	
2618	8	36 29.63	36 34 37.8	534	158	
2619	9	36 30.46	63 45 52.1	216	1	
2620	7	36 30.88	68 46 20.5	198†	25	
	7	30.90	21.4	199	33	
2621	8½	36 31.56	46 29 33.4	172	110	
2622	9	36 31.94	62 8 49.0	574	73	
2623	8	36 33.46	26 56 26.9	561	187	
	8	33.49	28.1	540	42	
	7½	33.57	28.7	156	150	
2624	8½	36 35.42	50 16 58.4	548	8	
	8	35.46	57.7	548	10	
	8	35.57	57.5	559	140	
2625	8½	36 36.50	23 19 41.4	122	192	
2626	8	36 36.81	48 13 24.2	586	43	
	8½	36.97	25.9	200	39	
2627	9	36 37.46	49 36 25.2	548	11	
	9	37.57	23.9	586	45	
2628	9½	36 39.36	55 30 3.5	553	253	
2629	9	36 39.64	37 20 14.6	535	159	
2630	9½	36 40.34	35 17 42.6	532	150	
2631	8½	36 40.83	31 5 58.7	568	183	
2632	7½	36 42.82	60 20 35.3	175	1	
	7½	42.78	31.7	523	123	
	7½	42.84	33.7	179	1	
	7	42.96	33.1	589	31	
2633	8	36 43.51	52 44 23.6	212	8	
2634	9	36 46.10	37 18 22.8	535	158	
2635	9	36 47.46	39 8 2.5	565	141	
	9	47.52	0.9	576	89	
2636	9	36 48.74	55 30 57.4	553	251	
2637	9	36 48.89	45 27 60.9	170	115	
	9	49.08	59.4	170	112	
2638	9	36 49.06	39 1 12.3	565	142	
2639	9	36 50.08	23 49 17.5	122	190	
	9	50.18	20.4	133	173	
2640	8	36 50.76	63 39 32.1	574	74	
	8	50.97	33.4	216	2	
2641	7½	36 50.84	65 37 50.6	216	5	
	7½	50.96	50.5	556	96	
2642	10	36 50.90	23 49 46.8	133	174	
2643	9	7 36 50.94	26 11 19.9	561	188	
	9	50.98	21.3	149	144	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2644	9½	7 36 51.05	23 37 44.1	122	191	
2645	9½	36 51.71	36 53 25.5	534	159	
2646	8	36 51.92	33 26 52.8	563	108	
2647	6	36 52.39	38 14 31.0	565	144	
2648	9½	36 52.88	26 3 34.4	561	189	
2649	8	36 53.52	38 56 42.0	576	90	
	8	53.58	42.2	565	143	
2650	9	36 53.54	56 58 9.6	553	249	
	8½	53.57	9.5	544	13	
2651	8½	36 54.51	30 5 33.5	538	159	
2652	9	36 54.63	29 48 47.5	566	149	
	9	54.70	46.1	538	162	
2653	8½	36 55.43	68 13 29.3	199	34	
2654	9	36 55.64	32 5 6.5	570	154	
2655	8	36 56.03	31 23 37.9	568	184	
2656	8½	36 56.91	62 7 42.4	574	72	
2657	9½	36 57.03	29 54 33.5	595	32	
2658	8½	36 57.17	34 3 46.0	572	130	
	8½	57.38	46.2	563	109	
2659	9	36 57.75	25 36 31.4	149	145	
2660	10	36 59.85	28 3 45.1	540	43	
2661	9	37 0.16	29 1 46.4	204	44	
	9	0.17	45.7	207	54	
2662	9	37 0.93	37 19 3.8	535	157	
2663	9	37 1.18	30 4 29.5	538	160	
2664	8½	37 2.30	33 53 42.4	572	131	
	9	2.55	41.9	563	110	
2665	9	37 6.66	28 26 39.7	204	45	
	9½	6.80	38.8	201	30	
2666	8	37 6.90	39 58 46.2	576	91	
2667	9½	37 7.52	23 33 53.5	122	193	
2668	9½	37 8.28	60 19 45.8	523	124	
2669	7½	37 9.92	40 52 19.8	162	69	
	7½	9.94	20.7	578	81	
2670	7	37 10.14	29 53 35.1	566	150	
	7	10.25	35.1	538	161	
	7	10.38	38.5	595	33	
2671	9	37 11.48	29 54 31.1	538	164	
	9½	11.82	31.5	595	35	
2672	7	37 11.63	31 47 6.9	570	155	
2673	9½	37 12.06	28 32 57.3	204	46	
2674	8	37 12.46	26 53 23.4	561	190	
	8	12.56	25.4	540	45	
2675	8	37 13.13	41 36 4.4	162	70	
2676	9	37 13.66	28 8 17.6	207	53	
	9½	13.70	17.4	540	44	
2677	9	37 15.57	30 48 9.9	566	152	
2678	9	37 15.79	65 10 20.8	216	4	
	9	15.88	19.0	556	97	
2679	9	37 16.82	31 24 8.9	568	186	s.pr.
2680	9	37 17.82	43 19 57.3	537	100	
2681	8½	37 18.46	31 24 2.7	568	185	n.sq.
2682	9½	37 21.35	37 0 22.2	534	160	
2683	7½	37 21.52	27 26 7.2	156	151	
2684	9	37 22.65	74 47 22.3	580	51	
2685	9	37 22.69	32 39 5.9	570	156	
2686	9	37 22.90	24 12 28.4	133	175	
2687	8	37 23.28	29 56 50.1	538	163	
	8½	23.36	50.7	595	34	
	8	23.38	51.0	566	151	
2688	7½	37 23.93	47 32 19.9	200	40	
2689	9½	37 24.11	34 10 7.4	572	132	
2690	9½	37 25.12	42 53 39.3	537	101	
2691	7	37 25.32	43 20 34.1	537	99	
2692	9	37 25.35	40 1 29.7	576	92	
2693	9	37 25.82	56 52 35.6	544	12	
2694	8	37 26.46	49 24 19.9	548	12	
	8	26.59	18.1	196†	36	
	8	26.68	19.5	586	46	
2695	7	7 37 26.53	44 20 22.5	584	90	
2696	8½	7 37 27.23	59 39 41.5	179	3	
	8	27.35	40.6	589	32	
2697	9½	37 29.40	24 14 38.8	133	176	
2698	9½	37 29.73	51 35 12.0	559	141	
	9	29.73	14.0	542	11	
2699	9	37 31.26	55 59 53.9	544	14	
	9	31.28	52.3	546	10	
2700	8½	37 32.07	31 26 48.0	568	187	
2701	8½	37 32.27	44 35 22.9	584	91	
2702	7	37 34.14	38 14 8.5	565	145	
2703	9½	37 34.82	26 7 37.6	561	193	
2704	7½	37 35.18	38 3 17.3	535	162	
	8	35.28	18.8	565	147	
2705	9	37 36.63	78 55 22.3	191†	65	
2706	9	37 38.35	32 24 59.7	570	157	
2707	9	37 38.58	26 36 54.2	561	191	
2708	6½	37 38.70	26 3 18.8	561	192	
	6½	38.72	19.7	149	146	
2709	9	37 41.65	38 18 59.5	565	146	
2710	8	37 43.35	63 8 9.7	574	75	
2711	8	37 44.24	50 49 50.3	542	12	
	8	44.38	51.7	548	14	
2712	9	37 44.96	64 1 12.7	216	3	
2713	8½	37 46.76	25 32 40.5	149	147	
2714	9	37 46.99	53 14 26.1	215	17	
	9	47.06	24.6	212	9	
2715	8	37 47.53	35 51 15.9	534	161	
	8	47.71	14.8	532	151	
	8	47.80	16.5	532	155	
2716	8	37 47.63	38 13 30.3	565	148	
2717	8½	37 48.37	33 43 21.1	563	111	
2718	9½	37 49.03	45 59 22.0	172	111	
2719	9½	37 49.51	45 1 33.4	170	114	
2720	8½	37 52.18	28 27 60.5	204	47	
	9	52.18	59.3	201	32	
	8½	52.20	58.6	207	55	
	8½	52.27	59.9	201	31	
2721	9½	37 52.84	24 17 56.9	133	177	
2722	7½	37 52.84	67 9 26.8	556	99	
	7½	52.84	26.8	199	35	
	7½	52.89	24.8	186†	112	
2723	9	37 53.45	22 54 43.3	122	194	
2724	6½	37 54.26	73 59 26.4	580	52	
2725	9	37 54.43	36 5 38.2	534	165	
	9	54.53	35.8	532	152	
2726	9	37 55.15	48 31 40.1	586	47	
	9	55.19	39.3	196†	37	
2727	9½	37 55.20	22 49 58.9	122	195	
2728	8½	37 55.36	58 56 15.2	523	125	
	8	55.90	16.2	179	2	
	8	55.95	14.9	589	33	
	8½	56.05	15.2	179	4	
2729	9	37 55.62	40 59 30.7	578	82	
2730	9½	37 56.27	34 47 9.1	572	134	
2731	8	37 56.74	77 48 18.9	191†	68	
	8	56.95	21.4	194†	6	
	8	57.33	19.6	527	72	
	8	57.67	20.7	194†	9	
2732	7½	37 57.40	55 21 33.4	553	254	
	7½	57.51	32.9	546	11	
	8	57.55	33.6	183†	188	
2733	9	37 58.29	26 51 21.1	540	46	
2734	8½	37 58.60	24 18 18.7	133	178	
2735	9½	37 59.64	49 48 3.4	548	13	
2736	9	37 59.70	35 58 13.7	532	154	
	9	59.72	14.2	534	162	
2737	9	38 1.35	32 55 18.0	570	159	
2738	7	7 38 1.41	76 48 2.6	191†	67	
	7½	1.61	5.0	194†	7	
	7	1.67	3.5	527	73	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
2739	7	7 38 1.52	54 24 54.4	546	12
	7	1.65	54.2	215	16
	7	1.69	53.4	188†	166
	7	1.76	54.9	183†	189
2740	8	38 1.57	36 4 49.7	534	164
	8	1.60	47.0	532	153
2741	8½	38 2.48	31 21 33.5	568	188
2742	9	38 2.88	37 40 30.2	535	160
2743	9	38 3.87	34 51 56.0	572	133
2744	9	38 3.99	37 48 47.8	535	163
	9	4.09	47.0	535	161
2745	9	38 4.54	25 5 47.8	149	148
2746	9½	38 6.27	30 24 35.8	566	153
2747	8½	38 7.00	46 36 56.9	172	112
2748	9½	38 7.24	44 22 28.7	584	93
2749	9½	38 7.75	52 0 41.2	559	143
2750	7½	38 9.50	38 54 23.0	576	93
	7½	9.72	23.9	565	149
2751	8	38 10.57	61 23 54.0	175	2
2752	8½	38 10.59	31 36 29.7	568	191
2753	9	38 10.95	36 3 13.2	534	163
2754	8½	38 11.60	29 15 36.0	538	166
2755	9½	38 11.83	67 11 9.0	556	100
	9½	11.87	7.7	186†	113
2756	9	38 11.97	52 1 55.5	542	13
	9	12.13	54.2	559	142
	9½	12.24	57.8	212	12
2757	9½	38 14.09	43 58 14.2	537	102
2758	10	38 14.98	76 43 36.6	527	74
2759	8½	38 16.47	41 26 7.6	162	71
2760	9	38 16.88	52 2 27.3	542	14
	9	16.99	26.0	559	144
	9½	17.04	28.0	212	13
2761	8½	38 18.48	42 20 3.6	167	82
2762	7½	38 18.67	33 1 2.1	570	161
2763	9	38 19.64	31 26 40.1	568	189
2764	8	38 22.97	46 21 45.8	172	113
2765	8½	38 23.23	33 1 43.9	563	113
	9	23.36	41.4	570	160
2766	8½	38 23.48	44 19 3.5	584	92
2767	9	38 23.76	28 6 55.8	540	50
	9	23.77	57.2	201	35
	9	23.84	58.9	204	48
	9	23.97	54.8	207	56
2768	8½	38 24.25	40 19 50.1	578	83
2769	9½	38 24.79	32 19 29.7	570	158
2770	8	38 25.27	26 52 55.8	561	196
	8	25.42	56.4	540	47
2771	8½	38 25.28	29 3 56.4	538	165
2772	9	38 26.13	52 54 2.3	188†	167
	8½	26.30	1.5	212	10
2773	7	38 26.78	25 12 24.7	149	149
2774	9½	38 28.08	28 10 31.2	204	50
	9	28.24	33.3	207	58
2775	9	38 28.94	26 35 25.4	561	194
2776	5	38 29.79	28 6 50.5	540	49
	5	29.79	51.2	207	57
	5	29.83	52.9	156	153
	5	29.83	50.9	204	49
	5	29.87	50.8	156	152
	5	29.93	53.2	201	34
2777	8½	38 29.92	69 46 46.5	198†	26
2778	8	38 29.94	41 56 1.9	167	81
	9	29.98	1.1	162	72
2779	8½	38 30.12	67 58 47.5	199	37
2780	9½	38 31.33	24 22 3.7	133	179
2781	8	7 38 32.23	26 56 14.6	561	195
	8	32.55	17.1	540	48
2782	9½	7 38 32.83	31 49 7.2	568	190
2783	9	38 33.12	52 25 31.5	542	16
2784	8	38 33.40	33 30 21.9	563	112
2785	9½	38 34.62	44 26 36.5	584	94
2786	7½	38 35.52	42 16 17.9	167	84
2787	9	38 35.87	67 10 4.8	556	101
	9	35.92	3.7	186†	114
	9	35.99	6.5	199	36
2788	8	38 35.89	58 34 39.4	523	126
	8	36.10	38.6	589	34
2789	6	38 37.61	35 45 13.5	532	156
2790	8½	38 39.14	74 49 33.5	580	54
2791	9	38 40.89	45 23 18.5	170	118
	9	41.03	17.5	170	116
2792	8	38 42.75	42 27 38.7	167	83
2793	9	38 43.22	78 48 53.8	194†	8
	8½	43.55	49.7	191†	66
2794	9	38 43.83	69 2 6.6	198†	29
	9	43.90	8.4	199	38
2795	7½	38 44.12	38 34 0.7	565	151
2796	9	38 44.29	43 54 22.1	537	103
2797	4½	38 47.41	28 39 24.6	204	52
	4	47.54	24.3	201	33
	4	47.61	23.3	207	60
2798	9½	38 48.79	50 6 3.8	548	15
2799	9	38 50.50	48 24 10.8	586	48
	9	50.71	10.0	200	41
	9	50.73	10.0	196†	38
2800	9	38 51.87	38 57 5.4	565	150
	9	52.03	5.9	576	94
2801	8½	38 55.29	28 7 59.6	201	36
	8½	55.45	59.0	204	51
	9	55.46	59.7	540	51
	8½	55.47	58.4	207	59
2802	8½	38 56.05	40 47 46.3	578	84
2803	9½	38 56.10	26 57 38.1	561	197
2804	9½	38 56.42	24 30 45.2	133	180
	9½	56.52	44.6	133	182
2805	9	38 57.88	46 36 27.0	172	114
2806	9	38 58.93	42 57 41.0	537	104
2807	9½	38 59.32	69 44 9.8	198†	27
2808	9	39 0.01	39 51 1.6	576	95
2809	9½	39 0.36	43 29 12.2	537	105
2810	8	39 0.49	36 23 36.9	534	167
2811	9	39 0.96	23 35 29.8	122	196
2812	9½	39 1.36	23 32 47.3	122	197
2813	7½	39 2.00	75 15 26.2	596	1
	7½	2.54	24.8	527	75
2814	9½	39 3.49	54 7 17.8	188†	169
	8½	3.51	19.9	215	18
2815	8½	39 4.85	37 50 22.0	535	164
2816	6	39 5.10	44 51 23.0	584	95
	5½	5.20	21.6	170	117
2817	9	39 5.50	26 23 35.2	561	198
2818	8½	39 5.67	36 47 29.1	534	168
2819	9	39 7.61	23 34 59.2	122	198
2820	8½	39 8.55	25 24 54.5	149	150
2821	9½	39 8.64	52 28 10.9	188†	168
	9	8.64	12.4	212	11
	9	8.69	13.2	542	15
2822	9½	39 9.28	41 44 29.1	162	73
2823	7	39 9.53	56 1 10.6	544	16
	7	9.59	11.2	553	256
	7	9.70	12.9	546	17
	7	9.75	10.7	183†	190
2824	9	39 9.58	56 33 56.7	544	17
2825	8½	7 39 9.78	28 33 23.7	204	53
	8½	9.95	22.3	207	61

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2826	9	7 39 11.26	56 6 24.5	553	255	
	9	11.26	25.9	544	15	
	10	11.33	25.7	183†	191	
2827	8	39 12.21	30 55 6.2	568	192	
	7½	12.23	5.1	566	155	
2828	8	39 12.41	31 2 3.6	568	193	
	7½	12.63	2.3	566	154	
2829	9½	39 12.90	34 22 40.7	572	137	
2830	9½	39 13.05	34 52 26.2	572	135	
2831	8½	39 13.08	64 11 31.1	216	7	
	8½	13.11	29.3	186†	115	
	8½	13.13	29.0	556	102	
2832	8	39 14.00	61 41 42.9	175	3	
2833	7½	39 14.18	59 42 27.1	523	127	
	7½	14.26	26.3	589	35	
	7½	14.28	25.8	179	5	
2834	9½	39 14.31	23 33 16.5	122	199	
2835	7½	39 14.43	35 55 10.8	532	157	
	8	14.50	12.0	534	166	
2836	8½	39 15.53	55 12 53.7	546	16	
	8½	15.62	51.2	546	13	
2837	8½	39 15.73	48 51 1.5	196†	39	
	8½	15.75	1.3	586	49	
2838	7	39 17.25	37 54 12.8	535	165	
	7	17.77	12.9	565	154	
2839	9	39 17.43	59 27 3.8	523	128	
2840	7	39 18.95	24 22 28.0	133	181	
2841	9	39 19.42	30 1 4.9	538	169	
2842	8½	39 19.55	33 6 46.1	563	114	dpl. II. n. pr.
	8½	19.57	46.4	570	162	
2843	9½	39 21.25	61 39 56.5	175	4	
2844	9	39 21.59	29 56 44.5	538	167	
2845	8	39 21.67	64 1 43.0	556	103	
	8	21.75	45.3	186†	116	
	8	21.82	44.2	216	6	
2846	7	39 23.72	54 52 57.1	553	258	
	7	23.82	57.6	546	14	
2847	8	39 24.67	29 56 11.2	566	156	
	8½	24.87	6.7	538	168	
2848	9½	39 25.60	27 45 17.2	540	52	
2849	9	39 26.33	23 56 18.7	122	200	
2850	6	39 26.60	40 37 44.2	578	85	
2851	9½	39 26.88	30 58 4.6	568	194	
2852	8½	39 27.72	39 34 33.5	576	96	dpl. II. s.
2853	8	39 27.84	41 10 7.8	162	74	
	8	27.97	8.3	578	87	
2854	9	39 28.45	39 42 29.0	576	97	
2855	9	39 28.50	26 27 54.7	561	199	
2856	9	39 28.63	73 25 29.9	580	55	
	9	28.80	29.1	580	53	
2857	9	39 31.13	45 33 4.0	170	120	
2858	7	39 31.32	40 0 36.5	576	98	
2859	8½	39 31.77	41 5 15.1	578	88	
	9	31.79	14.0	162	75	
2860	6	39 35.78	35 45 55.6	532	158	
2861	9	39 36.64	34 22 20.9	572	136	
2862	8½	39 36.68	37 50 36.9	535	166	
	8½	36.97	37.0	565	155	
2863	9½	39 37.23	46 5 21.4	172	116	
2864	9½	39 38.41	40 42 36.3	578	86	
2865	7½	39 39.31	38 31 9.8	565	152	
2866	9	39 40.33	36 51 58.2	534	169	
2867	8	39 40.36	46 44 52.2	172	115	
2868	9½	39 40.48	69 39 12.2	198†	28	
2869	9	39 40.77	32 55 18.1	570	163	
2870	8	39 41.04	63 3 56.0	574	76	
2871	7	39 41.86	49 41 38.1	196†	40	
	7	42.00	39.5	548	16	
	7	42.10	38.0	559	145	
2872	8½	7 39 42.46	59 59 9.8	179	8	
2873	7	7 39 43.94	55 50 55.5	553	257	
	7	43.95	55.5	546	18	
	7	43.99	56.9	183†	192	
2874	8	39 44.57	45 33 55.1	170	119	
2875	8	39 45.38	31 56 20.1	568	196	
2876	9	39 47.09	41 33 15.9	162	77	
2877	9	39 48.62	26 35 35.0	561	200	
2878	9	39 49.23	35 54 5.1	532	159	
2879	9½	39 50.98	63 50 50.8	556	105	
	9½	51.32	51.7	216	9	
2880	9½	39 51.12	25 18 14.5	149	151	
2881	9	39 51.43	32 46 47.8	570	164	
2882	6½	39 52.60	58 20 2.1	218	1	
	6½	52.79	1.6	589	37	
2883	9	39 52.89	30 59 50.5	568	195	
	9	53.17	52.3	566	157	
2884	8½	39 53.68	45 54 25.6	172	117	
2885	8½	39 54.06	62 3 42.8	574	78	
	8	54.31	42.3	175	6	
2886	8½	39 54.31	62 26 4.1	574	77	
2887	8	39 54.50	24 21 4.3	133	183	
	9	54.60	5.9	133	185	
2888	9½	39 55.85	28 26 46.9	204	55	
2889	8	39 57.82	34 49 51.9	572	138	
2890	9	39 58.35	32 35 59.2	570	165	
2891	7½	39 59.12	42 40 41.8	167	86	
2892	9	40 1.46	37 41 15.2	535	167	
2893	9	40 1.82	34 58 0.7	572	140	
	9½	1.88	2.3	532	160	
2894	9	40 2.46	43 30 31.6	537	106	
2895	9	40 2.94	28 36 55.8	204	54	
	9	2.98	55.0	207	62	
2896	7	40 3.59	58 22 21.0	218	2	
	7	3.97	20.0	589	36	
2897	8½	40 3.86	33 26 3.5	563	115	dpl. I.
2898	7	40 4.11	55 0 54.4	553	259	
	7½	4.33	53.5	546	15	
2899	9½	40 4.22	51 38 38.4	542	18	
2900	9	40 4.70	38 28 40.6	565	153	
2901	8½	40 5.01	63 56 32.8	216	8	
	8½	5.05	34.5	556	104	
2902	7	40 7.23	37 38 33.7	535	168	
2903	9½	40 10.06	49 9 59.9	196†	41	
	9	10.18	60.7	586	50	
2904	9	40 10.33	42 42 44.4	167	88	
2905	9	40 10.33	70 9 7.6	199	41	
	9	10.85	5.1	198†	32	
2906	9½	40 10.99	34 59 30.1	532	161	
2907	8	40 11.17	40 15 2.1	578	90	
2908	7	40 11.47	51 52 13.8	212	15	
	7	11.52	13.0	542	17	
2909	9½	40 11.55	42 43 3.1	167	87	
2910	8½	40 11.67	45 24 53.4	170	121	
2911	8½	40 12.11	27 20 20.1	540	56	
	8	12.12	18.7	540	53	
2912	9	40 15.02	41 4 28.9	578	89	
	9	15.36	28.5	162	76	
2913	8½	40 16.42	37 47 48.0	535	170	
2914	8½	40 17.56	72 52 47.4	580	56	
2915	9	40 17.77	30 57 12.5	566	158	
2916	8½	40 18.33	59 8 39.9	179	6	
	8½	18.48	39.0	589	41	
	8½	18.48	37.4	523	129	
2917	8	40 18.40	37 45 8.6	535	169	
2918	9	40 19.08	42 57 48.3	537	107	
2919	9	40 20.97	57 26 2.9	544	18	
2920	8½	40 21.00	29 34 54.7	538	170	
2921	9	40 21.20	42 36 16.0	167	89	
	9	21.38	14.4	167	85	
2922	9	7 40 24.42	54 6 35.1	215	19	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2923	7	7 40 25.54	59 0 14.9	523	130	
	7½	25.79	15.5	179	7	
	7	25.79	15.0	589	40	
2924	9	40 26.60	32 39 48.0	570	166	
2925	9	40 27.02	52 37 11.7	212	17	
2926	9	40 27.26	50 3 25.6	548	17	
2927	9	40 27.40	26 54 27.1	540	54	
2928	9	40 28.60	34 46 17.4	572	139	
2929	9	40 28.76	69 10 17.9	199	39	
	9½	28.90	15.7	198†	30	
2930	9	40 29.16	26 30 19.8	561	202	
2931	8½	40 29.26	33 24 2.3	563	116	
2932	9	40 30.30	58 52 2.8	523	131	
2933	9	40 30.46	37 2 59.8	534	170	
	9½	30.49	60.0	534	171	
2934	6½	40 31.99	57 55 55.8	218	3	
2935	9	40 32.64	42 25 29.2	167	90	
2936	7½	40 33.53	53 56 30.8	188†	170	
	7	33.96	31.4	215	20	
2937	8½	40 34.11	52 32 23.5	212	16	
2938	8½	40 35.15	37 51 23.5	565	156	
2939	7½	40 35.20	23 57 11.1	122	201	
	7½	35.30	10.2	133	184	
2940	9	40 35.93	62 40 1.0	181	1	
2941	10	40 36.28	28 6 58.3	204	56	
2942	7	40 37.30	37 35 8.8	535	172	
2943	8	40 37.71	51 54 21.0	542	19	
	8	37.79	19.1	212	14	
2944	9	40 39.22	34 3 12.0	563	119	
2945	9	40 39.42	43 32 10.0	539	108	
2946	9	40 39.55	26 11 21.1	149	152	
2947	9	40 39.81	60 0 16.9	179	9	
2948	8½	40 40.35	40 9 33.4	578	91	
	8½	40.38	38.3	576	99	
2949	8	40 41.47	22 57 23.9	122	203	
2950	9½	40 42.30	44 1 2.3	584	96	
2951	9	40 42.92	58 21 8.0	218	5	
	9	43.07	9.7	589	38	
2952	8½	40 43.08	31 53 3.3	568	197	dpl. III. s. pr.
	9	43.09	1.5	570	167	
2953	7½	40 44.13	22 50 13.9	122	202	
2954	9	40 46.30	50 3 27.4	548	20	
2955	9	40 47.70	26 28 23.8	561	204	
2956	10	40 47.91	28 6 28.0	204	57	
2957	8½	40 48.08	27 38 2.2	540	58	
2958	3½	40 48.18	37 39 58.2	535	171	red
2959	9	40 48.38	31 57 26.5	568	198	
2960	8½	40 48.56	29 38 46.7	538	171	
2961	8½	40 48.74	26 40 39.4	561	201	
2962	8	40 49.46	39 32 45.3	576	100	
2963	9½	40 50.84	42 34 18.3	167	91	
2964	8½	40 51.42	62 56 16.9	181	2	
2965	7	40 51.46	50 9 38.2	548	19	
2966	9	40 51.98	27 54 24.5	204	58	
	9	52.18	22.6	207	63	
2967	9	40 52.30	33 24 25.1	563	117	
2968	9	40 54.45	52 21 50.0	212	19	
2969	8½	40 54.97	65 29 22.3	556	107	
	8½	55.01	25.0	756	1	
	8½	55.28	22.6	216	10	
2970	7½	40 55.21	69 33 4.9	199	40	
	7½	55.42	3.5	198†	31	
2971	6	40 55.51	33 55 41.6	572	143	
	6	55.58	43.4	165	1	
	6	55.58	39.3	563	118	
	6½	55.61	42.1	141	1	
2972	8	40 55.55	50 10 11.9	548	18	
2973	9	40 55.69	25 22 14.0	149	154	
2974	9	7 40 55.87	26 56 56.3	540	55	
2975	9½	7 40 55.87	29 9 21.0	207	65	
2976	9	40 56.05	27 28 45.6	540	57	
2977	9½	40 56.50	45 45 7.9	170	123	
2978	7	40 57.00	46 42 22.3	172	118	
2979	9	40 57.26	45 40 4.8	170	122	
2980	8½	40 57.92	40 21 44.5	578	93	
2981	9½	40 59.19	45 56 2.3	172	121	
2982	10	40 59.69	45 40 56.2	170	124	
2983	7½	41 0.36	39 2 33.0	565	157	
	7½	0.40	31.0	576	101	
2984	8	41 0.45	55 14 53.8	546	19	
2985	9	41 2.05	26 34 36.3	561	203	
2986	9	41 2.16	44 47 45.5	584	97	dpl. I.
2987	8	41 2.38	51 28 59.6	542	20	
2988	9½	41 2.42	35 3 20.2	572	141	
	9	2.59	21.4	532	162	
2989	9½	41 2.50	52 29 5.4	212	18	
2990	9	41 2.52	40 34 25.0	578	94	
2991	9	41 2.75	61 36 2.7	574	79	
	9	2.81	1.9	175	5	
2992	9	41 2.76	58 12 25.7	218	4	
	9	2.76	26.7	523	132	
	9	2.85	27.0	218	7	
	9	2.85	25.5	589	43	
	9	2.92	25.0	589	39	
2993	9½	41 3.68	57 37 13.1	544	19	
2994	8	41 3.70	63 11 9.6	175	9	
	8	3.74	8.2	175	7	
	8	4.14	10.8	574	81	
2995	9½	41 4.09	24 0 46.0	133	186	
2996	7	41 4.23	77 20 40.1	194†	10	
	7	4.32	38.3	527	76	
	7	4.47	41.3	596	2	
2997	8½	41 5.26	65 13 10.9	556	106	
2998	8	41 5.55	23 17 44.8	122	205	
2999	9½	41 5.72	34 3 51.6	563	120	
3000	8½	41 8.39	46 16 3.7	172	119	
3001	9	41 9.38	51 27 49.2	542	21	
3002	9½	41 10.41	50 4 50.0	548	22	
3003	9½	41 10.57	28 8 16.0	204	59	
3004	8	41 12.84	40 26 7.5	578	92	
3005	9½	41 13.20	30 42 37.7	566	160	
3006	8½	41 13.77	52 50 46.4	212	21	
3007	9	41 14.03	45 38 56.8	170	125	
3008	9	41 15.09	30 34 26.9	566	159	
3009	8½	41 15.46	26 5 4.7	561	205	
	8	15.63	4.8	149	153	
3010	9	41 16.15	23 50 47.6	133	187	
3011	9½	41 16.27	79 0 26.6	194†	11	
3012	9½	41 17.27	31 29 23.0	568	199	
3013	6½	41 17.36	43 26 58.0	537	109	
3014	8½	41 17.56	35 2 59.4	572	142	
	8½	17.59	60.0	532	163	
	8½	17.79	60.1	165	2	
3015	8	41 18.10	28 36 19.2	207	64	
3016	9½	41 21.33	28 15 12.5	204	60	
	9½	21.40	11.6	207	66	
3017	8½	41 21.74	36 11 38.1	534	172	
	8½	21.94	36.8	532	164	
3018	9½	41 21.85	46 1 57.5	172	120	
3019	9	41 22.33	44 4 11.8	537	111	
3020	9	41 22.34	23 20 57.9	122	206	
3021	9	41 22.59	38 40 3.7	565	159	
3022	9½	41 22.69	24 10 56.1	133	188	
3023	9	41 23.72	36 36 59.4	534	173	
3024	8	41 23.80	72 17 19.7	580	57	
3025	9	41 25.39	33 57 37.4	572	144	
	9	25.65	36.1	563	121	
3026	8½	7 41 25.75	44 34 41.1	584	99	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No	
		h m s	° ′ ″			
3027	8½	7 41 26.41	57 28 18.3	544	20	
3028	8	41 27.74	61 35 59.6	574	80	
3029	8½	41 27.76	22 53 39.6	122	204	
3030	9½	41 28.35	51 21 41.7	542	22	
3031	9½	41 29.49	29 40 46.8	538	172	
3032	7½	41 30.46	44 34 42.1	584	98	
3033	8	41 31.34	58 10 4.7	218	8	
	8½	31.36	3.7	523	133	
	8½	31.50	4.9	589	44	
3034	9	41 31.59	56 26 46.4	544	21	
3035	9½	41 35.56	41 20 56.0	162	78	
3036	8	41 35.73	48 36 41.8	196†	43	
	8	35.84	41.0	586	51	
3037	8	41 36.65	33 7 10.4	141	2	
	8	36.73	12.4	570	171	
	8	36.76	11.4	570	168	
3038	9½	41 36.66	32 0 4.3	568	202	
3039	8½	41 37.02	49 6 10.1	586	52	
	8½	37.13	8.8	196†	42	
3040	9	41 38.47	44 4 11.5	537	110	
3041	9	41 38.73	39 8 24.7	565	158	
	9	38.74	23.6	576	102	
3042	8	41 42.35	33 17 42.8	141	3	
3043	9½	41 42.58	24 14 53.0	133	189	
3044	6½	41 43.11	37 37 43.7	535	174	
3045	7½	41 43.12	49 59 4.9	548	21	
3046	9	41 43.14	32 23 33.9	570	169	
3047	8½	41 43.43	37 47 46.5	535	173	
3048	8½	41 43.87	45 29 51.3	170	126	
3049	8½	41 43.91	25 3 47.5	149	155	
3050	9	41 44.52	31 59 55.4	568	200	
3051	7½	41 45.19	66 36 9.8	756	3	
	7½	45.54	8.2	556	108	
3052	9	41 46.27	24 39 12.5	133	190	
3053	7½	41 47.33	54 20 14.6	546	20	
	7½	47.47	15.8	215	21	
3054	8	41 47.86	52 39 9.4	212	20	
	8	48.01	7.8	542	23	
3055	8½	41 48.69	66 34 52.1	556	109	
	8½	48.88	52.3	756	2	
3056	9½	41 48.98	41 53 28.1	167	94	
3057	9½	41 50.10	26 7 29.7	561	206	
3058	9	41 50.21	41 6 8.9	578	95	
	9	50.38	9.0	578	96	
	9½	50.44	8.7	162	79	
3059	8½	41 50.38	29 35 22.4	538	174	
3060	9	41 50.94	41 49 51.1	162	80	
3061	8½	41 50.99	37 37 33.4	535	175	
3062	8	41 52.19	29 38 31.7	538	173	
3063	9	41 52.25	42 26 48.9	167	92	
3064	10	41 53.58	42 23 29.3	167	93	
3065	8	41 53.69	52 43 48.9	212	22	
3066	8½	41 54.14	57 38 32.8	589	42	
	9	54.35	34.1	544	23	
3067	7½	41 54.64	58 9 51.3	218	6	
	8	54.75	50.6	523	134	
	8	54.92	52.7	589	45	
3068	9½	41 55.26	30 59 1.4	566	161	
	9½	55.72	2.1	595	36	
3069	8	41 56.34	47 16 46.8	200	42	
3070	7	41 57.59	71 27 54.8	580	58	
3071	7½	41 58.27	44 27 18.9	584	101	
3072	9½	41 58.48	59 43 28.0	179	10	
3073	9½	42 0.06	70 54 39.8	199	42	
	9	0.15	42.6	580	59	
	9	0.32	37.5	198†	34	
3074	8½	42 2.20	56 24 19.3	544	22	
3075	9½	42 3.42	70 48 41.9	199	43	
3076	9	42 3.78	32 34 24.2	570	170	
3077	9	7 42 3.92	26 16 1.8	561	207	
3078	8½	7 42 4.15	31 53 15.6	568	201	
3079	7	42 5.46	37 27 55.4	535	176	red
3080	7½	42 7.04	48 3 4.1	200	43	
3081	8½	42 8.37	44 15 37.9	584	102	
3082	9½	42 8.83	38 44 7.6	565	160	
3083	9½	42 10.43	23 53 54.6	122	208	
3084	8½	42 11.46	63 5 54.5	574	82	
	8	11.49	52.9	175	8	
	8	11.53	53.1	181	4	
3085	8½	42 12.53	51 3 52.4	542	24	
3086	7	42 15.21	39 45 14.5	576	103	
3087	9	42 15.55	25 5 12.7	149	156	
3088	9½	42 17.07	70 29 37.9	198†	33	
3089	8½	42 17.73	62 59 25.0	181	3	
	8½	18.14	26.5	175	10	
	8½	18.15	28.6	574	83	
3090	9	42 18.68	36 9 47.8	534	174	
	9	18.85	47.2	532	165	
3091	9½	42 20.39	36 16 39.4	534	175	
3092	9½	42 21.85	26 52 6.5	540	59	
3093	9½	42 22.85	26 22 25.5	561	208	
3094	8½	42 24.35	59 12 6.6	179	11	
3095	9	42 25.37	34 9 37.0	572	146	
	9	25.53	34.6	141	5	
3096	8	42 25.99	34 2 7.7	165	3	
	8½	26.32	8.5	572	145	
	8½	26.46	6.5	141	4	
	8½	26.50	8.6	563	122	
3097	9½	42 26.42	38 9 34.7	565	163	dpl. II.
3098	7½	42 27.84	44 46 50.2	584	100	
3099	9	42 27.98	57 59 3.3	523	135	
3100	8½	42 29.92	29 23 6.9	538	175	
3101	9½	42 30.16	43 11 53.1	537	112	
3102	8	42 30.45	45 51 10.9	170	127	
	8	30.53	11.0	172	122	
3103	9	42 31.16	54 52 17.4	546	21	
3104	8	42 32.72	49 13 29.5	586	53	
	8½	32.78	29.1	196†	44	
3105	9	42 33.26	43 3 26.3	537	115	
3106	8	42 33.48	47 23 0.2	200	44	
3107	9½	42 35.83	23 52 39.1	122	209	dpl. III.
3108	9	42 35.99	24 6 14.2	122	211	
	9½	36.10	13.9	122	207	
3109	8½	42 36.77	35 4 23.5	572	148	
	9	37.00	22.5	532	167	
3110	10	42 37.06	28 25 9.3	204	61	
3111	8	42 39.43	30 14 24.7	595	37	
	8	39.50	25.8	566	162	
3112	7	42 39.46	35 45 58.8	532	166	
3113	9	42 39.80	43 15 47.8	537	113	
3114	9	42 40.30	41 53 0.6	167	95	
	9	40.36	0.6	162	81	
3115	9	42 41.63	27 18 43.8	540	60	
3116	9	42 42.00	23 57 2.8	122	210	
3117	8½	42 43.32	58 39 2.4	523	136	
	8½	43.56	2.3	218	9	
3118	7½	42 43.85	37 39 45.6	535	177	
3119	6	42 44.11	39 1 24.4	576	104	
3120	8½	42 44.67	46 38 5.8	172	123	
3121	8½	42 45.08	64 19 18.5	756	4	
	9	45.10	19.3	216	11	
3122	9½	42 45.60	24 46 1.3	133	191	
3123	7½	42 47.52	38 47 43.6	576	105	
3124	8½	42 50.50	32 33 1.9	570	172	
3125	7	42 53.07	51 14 39.7	542	25	
3126	9	42 53.24	29 49 31.8	538	177	
3127	7½	42 53.45	48 56 6.9	196†	45	
3128	5½	42 53.55	25 37 41.6	149	157	
3129	9½	42 54.64	33 23 1.7	563	124	
3130	8	7 42 54.99	32 21 47.2	570	173	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3131	8½	7 42 55.01	34 0 56.9	572	147	
	8½	55.04	57.2	563	123	
	8½	55.12	56.9	165	4	
	9	55.13	54.6	141	6	
3132	9½	42 55.01	37 0 35.3	535	179	
	9½	55.24	32.7	534	176	
3133	7	42 55.09	41 11 44.4	162	82	
	7	55.11	44.2	578	98	
3134	10	42 55.24	45 44 34.0	170	128	
3135	7½	42 55.32	41 12 34.4	162	83	
	7½	55.43	31.9	578	97	
3136	8	42 56.62	24 16 5.1	133	192	
3137	6½	42 58.86	56 25 0.5	544	24	
3138	9½	42 59.18	38 27 17.8	565	165	
	9½	59.23	15.8	565	161	
3139	9	42 59.22	56 9 14.9	546	23	
3140	9	42 59.31	33 11 10.7	563	125	
3141	6	42 59.73	38 12 9.9	565	162	
3142	9	43 0.00	27 12 38.0	540	61	
3143	9½	43 0.60	28 18 44.6	204	62	
	9½	0.65	43.5	207	67	
3144	7½	43 0.76	46 29 37.1	172	124	
3145	9½	43 0.85	55 0 31.6	546	22	
3146	10	43 1.11	24 15 34.1	133	193	
3147	9½	43 3.76	42 43 38.9	167	96	
3148	9	43 3.95	29 4 14.2	201	38	
	9	4.11	11.3	207	69	
	8½	4.15	8.7	538	176	
3149	9	43 4.46	26 52 21.6	540	63	
	9	4.57	20.0	561	209	
3150	8½	43 4.55	44 40 31.3	584	103	
3151	7½	43 4.81	43 1 57.2	537	114	
	7½	4.86	58.2	167	97	
3152	9½	43 4.97	27 12 7.0	540	62	
3153	8	43 5.96	46 45 10.4	172	125	
3154	7½	43 6.54	47 48 17.3	200	45	
3155	8	43 6.72	62 8 52.1	181	5	
	8	6.78	53.3	574	84	
3156	7½	43 7.88	43 5 11.5	537	116	
	7½	7.96	9.9	167	98	
3157	8	43 8.55	37 42 7.7	535	178	
3158	8	43 8.76	32 9 2.9	568	203	
	8	8.88	2.5	570	174	
3159	9	43 11.08	32 58 10.8	141	7	
3160	9½	43 11.58	49 1 48.0	196†	46	
3161	8½	43 11.64	29 45 2.6	538	178	
3162	9	43 11.80	25 27 38.9	149	158	
3163	9½	43 11.96	25 26 48.3	149	159	
3164	9	43 13.81	78 4 14.0	194†	12	
	8½	14.40	13.7	596	3	
3165	9	43 14.55	38 22 3.8	565	164	
3166	9	43 14.86	48 35 41.7	586	54	
3167	8	43 15.11	28 2 55.3	201	37	
	8	15.26	54.3	207	68	
	8	15.28	54.0	204	63	
3168	7½	43 15.19	58 38 55.1	218	10	
	8	15.33	55.1	523	137	
3169	9½	43 15.32	24 11 14.6	133	194	
3170	9	43 17.72	26 32 31.3	561	212	
3171	9	43 18.83	55 53 12.9	546	25	
3172	7	43 20.24	50 41 28.1	548	23	
3173	4½	43 20.78	72 16 18.7	580	60	red
3174	9½	43 22.47	30 10 35.0	566	163	
3175	9½	43 24.07	54 15 24.0	215	22	
3176	9	43 24.11	72 18 25.9	580	61	
3177	8½	43 25.69	26 44 5.8	561	210	
3178	9	43 26.87	25 49 5.3	561	213	
3179	8½	43 27.17	26 41 2.9	561	211	
3180	9	7 43 29.20	30 18 22.9	566	165	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3181	8	7 43 30.10	56 55 56.1	544	25	
3182	8	43 31.70	66 53 56.0	756	7	
3183	7	43 32.05	49 52 34.3	548	24	
3184	8½	43 32.10	47 51 35.2	200	46	
	8½	32.22	35.9	200	48	
3185	9½	43 32.36	36 58 7.8	534	177	
3186	9½	43 32.53	24 9 3.0	122	212	
	9½	32.58	2.1	133	196	
3187	9½	43 32.97	32 35 18.4	570	175	
3188	9	43 34.72	45 4 45.9	584	104	
3189	9½	43 35.65	40 1 39.1	578	99	
3190	9½	43 36.28	41 13 36.8	162	85	
3191	9	43 36.50	39 34 19.4	576	107	
3192	9	43 36.51	33 15 19.7	141	8	
	9	36.52	21.8	563	126	
3193	8	43 38.36	62 4 59.7	181	6	
	8½	38.42	58.6	574	85	
3194	9	43 39.93	25 41 51.7	149	160	
3195	9½	43 40.47	29 57 11.1	538	180	
3196	9½	43 40.67	35 6 23.8	572	149	
	9½	40.87	24.2	532	169	
3197	7½	43 40.86	30 26 44.8	595	39	
	7½	41.08	41.0	566	164	
3198	8½	43 41.30	37 22 1.4	535	180	
3199	9	43 43.01	27 6 14.2	540	65	
3200	9½	43 43.70	48 13 39.8	196†	47	
3201	9	43 44.17	39 15 10.6	576	106	
3202	9	43 45.63	56 2 51.2	546	24	
3203	7½	43 45.86	52 2 18.1	542	26	
	7	45.88	17.4	212	23	
3204	8½	43 46.33	69 45 23.1	198†	37	
	8	46.35	23.3	199	45	
	8	46.43	20.6	198†	35	
3205	9	43 46.47	50 51 24.6	542	27	
3206	9	43 47.42	41 17 46.9	162	84	
3207	8	43 47.74	29 56 59.3	538	179	
	7½	47.99	59.1	595	38	
3208	8½	43 48.73	56 56 56.3	544	26	
3209	7½	43 49.14	31 18 26.7	602	1	
	7	49.23	23.4	568	204	
3210	8	43 50.05	61 40 39.0	175	12	
3211	9	43 50.27	26 14 0.7	561	215	
3212	9	43 50.48	24 12 34.6	133	195	
3213	6	43 50.82	46 42 10.3	172	126	
3214	6½	43 52.29	40 20 24.8	578	100	
3215	8	43 53.13	46 45 38.7	172	127	
3216	9½	43 53.14	33 36 56.4	141	9	
	9½	53.18	57.6	563	127	
3217	9	43 54.89	37 28 32.9	535	181	
3218	8	43 54.91	71 14 19.9	199	44	
	7½	55.07	20.6	580	63	
3219	9½	43 55.03	65 10 27.8	216	12	
	9	55.28	28.7	756	5	
3220	7	43 55.85	65 46 3.9	756	6	
3221	9	43 57.54	38 2 24.6	535	184	
3222	9	43 57.91	50 35 25.3	548	25	
3223	9½	43 58.63	26 58 58.7	540	64	
3224	9	43 58.63	35 3 28.0	572	150	
	9½	58.94	27.9	532	168	
3225	9	43 59.91	23 29 14.3	122	213	
3226	9	44 0.07	61 54 48.9	181	8	
3227	8	44 2.18	42 11 46.3	162	87	
3228	8½	44 2.20	30 15 48.6	595	40	
	8½	2.35	49.8	566	166	
3229	8½	44 3.12	44 14 4.2	584	106	
3230	9½	44 3.15	77 34 22.0	194†	14	
3231	8½	44 3.47	43 57 35.4	537	117	
	9	3.61	35.4	584	105	
3232	8	7 44 3.84	43 41 30.3	537	118	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3233	9½	7 44 4.57	39 10 13.5	565	168	
3234	9	44 5.02	28 24 32.6	201	39	
	9	5.10	32.0	207	70	
	9	5.15	33.3	204	64	
3235	8½	44 6.74	39 40 34.0	576	108	
3236	9	44 7.33	23 54 42.4	133	197	
3237	7½	44 7.92	59 30 38.1	179	12	s.pr.
3238	9	44 8.50	27 32 2.6	540	66	
3239	9½	44 9.06	23 53 8.6	133	198	
3240	9½	44 9.14	53 7 32.1	215	23	
	9½	9.16	32.9	212	27	
3241	9	44 9.17	26 16 37.0	561	214	
3242	8	44 9.89	59 30 21.3	179	13	n.sq.
3243	9	44 10.38	45 40 55.3	170	129	
3244	7½	44 11.62	63 53 14.4	216	13	
	7½	11.73	10.6	175	11	
3245	9½	44 11.74	30 49 0.8	568	205	
	8½	11.83	2.6	602	2	
3246	7½	44 11.87	58 46 51.0	523	138	
	7½	11.98	51.4	218	11	
3247	9	44 13.14	34 53 13.8	572	152	
	9	13.58	14.8	532	171	
3248	9½	44 13.75	37 8 53.8	534	178	
3249	9	44 15.15	38 30 59.4	565	166	
3250	9	44 18.00	23 33 56.4	122	214	
3251	7½	44 19.36	53 1 20.1	212	24	
3252	9½	44 20.57	61 59 42.0	181	7	
3253	8½	44 21.17	26 15 57.1	561	216	
3254	9	44 22.03	29 55 42.6	538	181	
	9½	22.13	45.8	595	42	
3255	8½	44 23.41	27 31 12.4	540	67	
3256	7	44 23.48	37 53 22.7	535	183	
	7	23.49	22.6	565	167	
3257	9½	44 23.78	28 24 2.2	207	71	
	9½	23.85	1.1	204	65	
3258	9	44 23.86	32 37 50.2	570	176	
3259	9	44 25.69	72 22 59.7	580	62	
3260	9	44 26.16	37 28 29.5	535	182	
3261	9½	44 26.18	59 8 38.7	179	14	
3262	9	44 26.21	29 20 12.9	538	182	
3263	8	44 26.28	46 57 50.8	200	47	
3264	7½	44 27.44	30 14 38.8	595	41	
	7½	27.61	40.8	566	167	
3265	8	44 29.10	49 26 59.1	548	26	
	8	29.14	57.6	196†	48	
3266	9½	44 30.01	45 47 17.8	170	130	
3267	8	44 30.19	44 56 49.4	584	107	
3268	9	44 32.13	52 51 52.0	212	25	
3269	9½	44 32.51	41 57 36.7	162	86	
3270	8½	44 32.74	35 49 18.7	534	179	
3271	8	44 33.13	33 0 59.4	570	177	
	8½	33.19	60.7	141	11	
	8	33.21	61.7	563	129	
3272	7½	44 33.55	61 7 48.8	574	86	
	7½	33.35	51.9	221	1	
	7½	33.64	51.2	175	13	
3273	9½	44 34.18	33 59 40.5	141	10	
3274	9	44 34.98	69 12 28.8	199	47	
3275	6½	44 35.16	69 30 53.0	198†	36	
	6½	35.28	55.9	199	46	
3276	6	44 35.45	34 55 47.3	572	151	
	6½	35.48	48.5	165	5	
	6	35.50	48.3	532	170	
3277	8½	44 36.02	55 30 41.0	546	26	
3278	9½	44 36.38	63 51 0.9	216	14	
3279	8	44 36.98	58 35 48.7	523	139	
	8	37.11	48.1	218	12	
3280	5	7 44 36.99	46 45 44.7	172	129	
3281	9	7 44 37.24	61 5 24.9	221	3	
	9	37.36	26.1	175	15	
	9½	37.54	25.5	574	88	
3282	9	44 37.54	65 24 58.0	216	16	
3283	9½	44 38.91	71 18 21.9	580	64	
3284	9	44 40.35	51 20 41.9	542	28	
3285	9	44 40.36	32 48 29.3	570	180	
3286	10	44 40.49	27 56 1.0	204	67	n.pr.
3287	7½	44 40.88	23 29 1.8	122	215	
3288	9	44 40.91	64 5 46.9	216	15	
3289	9½	44 41.63	27 56 1.7	204	66	s.sq.
3290	8½	44 42.61	45 9 5.9	170	132	
3291	9½	44 44.15	56 57 28.0	544	28	
3292	9½	44 44.64	56 56 58.3	544	29	
3293	9	44 44.72	47 45 59.8	200	51	
3294	8½	44 44.82	37 6 34.8	534	180	
3295	8½	44 45.01	46 38 21.0	172	131	
	8½	45.17	18.5	172	128	
3296	9	44 47.09	47 47 13.3	200	49	
3297	7½	44 47.86	42 59 53.3	167	99	
3298	8½	44 48.24	49 20 29.0	548	27	
	9	48.47	26.5	196†	49	
3299	6	44 49.08	32 58 30.0	141	12	
	6	49.14	28.4	570	178	
	6½	49.18	28.8	563	128	
3300	9½	44 49.12	22 51 2.4	122	216	
3301	9½	44 49.46	31 15 28.0	568	206	
3302	8	44 49.83	53 56 33.3	215	24	
3303	8½	44 50.47	32 6 28.2	568	207	
3304	9	44 51.36	43 47 51.7	537	119	
3305	9	44 52.69	52 43 36.5	212	28	
	9½	52.71	36.1	212	26	
3306	8	44 53.33	47 43 23.3	200	50	
3307	9	44 53.58	28 42 46.2	207	72	
	9	53.67	45.0	201	40	
3308	9	44 53.58	58 45 49.0	523	140	
	9	53.70	49.7	218	13	
3309	9	44 53.62	45 45 1.6	170	131	
	9	53.67	1.4	170	133	
3310	8½	44 53.73	74 38 41.0	580	66	
3311	9	44 53.97	29 18 7.7	538	184	
3312	8	44 54.05	42 12 50.6	167	101	
3313	9	44 54.55	27 31 58.9	540	68	
3314	9	44 54.58	43 5 44.5	167	100	
3315	9½	44 55.80	77 58 39.3	596	6	
	9	55.81	38.7	596	4	
	9½	55.85	38.1	194†	13	
3316	8½	44 56.09	57 40 38.4	544	30	
	8½	56.11	37.3	544	27	
3317	9½	44 57.44	58 46 4.4	218	14	
3318	9	44 57.74	38 8 27.0	535	185	
3319	7	44 58.04	40 23 15.2	578	101	
3320	8½	45 1.81	62 42 59.1	181	9	
	9	2.28	58.2	175	17	
3321	8	45 6.68	38 41 13.5	565	170	
3322	7½	45 6.79	39 56 29.3	576	110	
	7½	6.82	28.8	578	102	
3323	9	45 7.08	39 48 15.9	576	109	
3324	9½	45 7.41	55 30 5.3	546	27	
3325	8½	45 8.11	26 14 47.8	561	217	
3326	9	45 8.39	54 6 27.1	215	25	
3327	9	45 8.78	33 20 57.5	563	130	
3328	8½	45 9.14	66 45 39.4	756	8	
3329	9	45 9.21	28 10 40.0	540	71	
3330	8	45 9.29	61 3 7.8	221	2	
	8	9.40	6.9	574	87	
	8	9.49	6.8	175	14	
3331	9	7 45 9.70	34 1 6.1	572	154	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3332	9½	7 45 9.92	29 13 10.7	538	183	
3333	9	45 11.42	30 59 25.9	595	43	
	9	11.70	23.7	566	168	
3334	8½	45 12.04	43 46 30.3	537	120	
3335	8	45 14.12	27 39 22.1	540	69	
3336	9	45 15.11	25 19 35.5	149	161	
3337	9	45 15.14	42 21 55.8	167	102	
3338	10	45 16.05	42 7 55.6	162	88	
	9½	16.15	55.5	167	103	
3339	9½	45 18.18	38 37 22.5	565	171	
3340	9½	45 19.18	41 38 22.9	162	90	
3341	9½	45 19.19	39 7 50.3	565	169	
3342	7½	45 20.00	34 47 30.4	572	153	
	8	20.33	30.8	165	6	
3343	9	45 20.05	44 3 13.9	584	109	
3344	9½	45 20.64	36 41 11.1	534	184	
3345	7	45 20.69	54 24 4.3	215	26	
3346	8	45 21.62	28 45 4.9	201	41	
	8	21.88	5.6	207	73	
3347	9	45 21.88	32 58 8.3	570	179	
	9½	21.88	11.5	141	13	
3348	9½	45 22.17	28 56 42.0	201	44	
	9	22.19	37.2	207	75	
	9	22.40	36.4	538	186	
3349	9	45 22.29	67 13 52.3	198†	39	
3350	9½	45 22.67	22 51 25.9	122	217	
3351	8½	45 23.50	44 22 16.8	584	108	
3352	9½	45 23.98	58 51 6.8	523	141	
	9½	24.03	7.2	218	15	
3353	9	45 24.15	36 47 25.4	534	181	
3354	7½	45 24.46	52 22 16.9	542	29	
3355	9½	45 24.57	76 58 20.5	194†	16	
	8½	24.95	18.9	596	5	
3356	9	45 25.92	28 56 6.4	201	43	
	9	26.02	4.9	538	185	
	9	26.09	7.6	207	76	
3357	4	45 26.13	46 3 31.2	170	134	
3358	6½	45 27.02	46 32 35.5	172	130	
3359	9½	45 27.42	37 15 18.5	535	186	
3360	9	45 27.84	48 27 59.3	586	55	
	9	27.98	60.2	196†	50	
	9	28.11	58.1	200	54	
3361	10	45 28.18	24 9 3.5	133	200	
3362	9½	45 28.88	23 51 55.1	122	219	
3363	8½	45 29.21	55 20 30.2	546	28	
3364	9	45 29.62	39 58 17.9	576	112	
3365	9	45 30.18	31 50 54.9	602	3	n. pr.
	9	30.19	52.9	568	208	
3366	9	45 30.22	29 0 2.2	201	42	
	9	30.39	0.5	538	187	
3367	9	45 30.70	31 50 59.3	568	209	s. sq.
	8½	30.89	63.6	602	4	
3368	9½	45 30.28	27 58 33.4	204	69	
	9½	30.34	32.1	204	68	
	9½	30.40	31.5	207	74	
	9	30.46	32.0	540	70	
3369	9	45 31.23	60 28 20.6	221	4	
3370	7	45 31.71	44 26 13.0	584	110	
3371	8	45 33.52	77 39 7.9	194†	15	
3372	9	45 33.66	47 57 35.4	200	52	
3373	8½	45 36.18	67 7 18.8	756	9	
	8	36.25	20.2	198†	38	
3374	9	45 36.40	46 1 48.5	170	135	
3375	8½	45 37.10	25 46 20.2	561	218	
	9	37.24	25.0	149	164	
3376	8½	45 37.81	40 16 37.6	578	105	
3377	7	45 39.32	56 9 27.5	546	30	
	7	39.54	29.9	544	31	
3378	8½	7 45 40.30	25 49 48.7	149	163	
	8½	40.30	46.7	561	219	
3379	9	7 45 41.17	36 48 56.9	534	182	
3380	9	45 41.85	39 53 4.4	576	113	
	9	42.00	3.8	576	111	
	9	42.08	4.3	578	103	
3381	8½	45 42.79	35 26 4.3	532	172	
3382	8½	45 42.34	79 7 12.9	596	8	
3383	9	45 42.74	25 49 31.6	561	220	
	9	43.24	33.3	149	162	
3384	7½	45 43.40	35 28 26.4	532	173	
3385	7	45 43.45	24 12 37.2	133	199	
3386	9½	45 44.81	23 34 21.4	122	220	
3387	9	45 46.62	44 17 10.9	584	111	
3388	9	45 47.04	33 30 8.4	563	132	dpl. II.
3389	9	45 47.10	41 49 47.3	162	89	
3390	8	45 50.71	35 55 33.1	534	185	
	7	50.80	31.7	532	174	
3391	9	45 51.27	55 24 44.6	546	29	
3392	9½	45 53.31	48 19 34.3	586	56	
	9	53.33	33.5	196†	51	
3393	9	45 53.98	28 55 30.0	207	77	
	9	53.99	28.5	538	188	
3394	9½	45 54.07	36 43 54.3	534	183	
3395	9	45 54.79	39 51 22.9	576	114	
	9	54.94	23.7	578	104	
3396	10	45 55.97	31 12 27.4	568	210	
3397	8½	45 57.10	30 2 1.7	599	1	
	9	57.39	1.2	595	44	
	8½	57.45	1.6	566	169	
3398	9	45 57.93	37 46 52.8	535	187	
3399	9	45 58.39	22 54 28.3	122	218	
3400	8½	45 58.79	66 23 53.8	756	10	
3401	9½	45 58.84	43 19 35.6	537	121	
	9	58.94	34.7	537	123	
3402	9	45 59.79	33 21 13.2	141	14	
	9	60.01	14.1	563	131	
3403	8½	45 59.87	32 40 47.3	570	181	
3404	7	46 0.15	78 5 13.4	596	7	
	7	0.44	13.8	194†	17	
3405	8	46 0.53	35 56 29.1	532	175	
	8	0.53	32.0	534	186	
3406	9½	46 1.25	63 26 56.8	181	11	
3407	9½	46 2.48	52 42 7.3	212	29	
3408	9½	46 2.89	47 5 20.0	172	132	
3409	9	46 5.31	47 52 59.3	200	53	
3410	8½	46 5.86	73 56 52.0	580	65	
3411	8½	46 6.97	63 11 6.5	181	10	
3412	8	46 7.55	32 44 17.6	570	183	
3413	9½	46 7.57	32 41 26.3	570	182	
3414	9½	46 11.40	24 17 38.5	133	202	
3415	9	46 13.35	69 11 15.5	199	48	
3416	8½	46 13.71	34 24 5.4	572	156	
3417	8½	46 14.43	34 1 50.5	572	155	
	8	14.46	51.4	563	136	
	8½	14.49	49.4	165	7	
3418	9	46 15.26	33 17 42.0	141	16	
	9½	15.30	41.3	563	135	
3419	9	46 16.28	31 18 13.2	568	213	
3420	9½	46 17.60	31 52 49.7	602	5	
3421	8½	46 19.70	63 24 22.5	181	12	
	8½	19.78	24.9	756	11	
	8½	20.04	23.3	175	21	
3422	9	46 20.21	24 31 19.7	133	201	
3423	9½	46 20.31	27 54 50.9	204	70	
	9	20.38	52.3	204	71	
3424	8	46 21.50	33 18 7.6	141	15	
	8	21.57	9.3	563	134	
3425	9½	46 21.73	31 21 46.5	568	212	
3426	8½	46 22.22	60 34 56.2	179	15	
	8	22.26	58.2	221	5	
3427	9½	7 46 22.48	31 56 23.2	602	6	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3428	9½	7 46 24.48	61 7 43.6	175	16	
3429	9	46 24.65	35 54 48.0	534	187	
	9½	24.70	45.5	532	176	
3430	8½	46 24.94	39 48 41.4	576	115	
	8½	25.12	42.1	578	107	
3431	8	46 25.09	31 18 55.3	568	211	
3432	8	46 25.59	42 31 41.6	167	105	
3433	6	46 25.60	56 5 44.3	544	32	
	6	25.65	42.2	546	31	
3434	9	46 26.24	26 54 21.1	540	72	
	9½	26.49	20.5	561	223	
3435	9½	46 28.83	33 25 52.9	141	17	
	9	29.05	51.9	563	133	
3436	9	46 28.96	59 51 16.7	179	16	
3437	9	46 29.12	30 12 20.8	599	2	
	9	29.17	18.8	595	45	
3438	8½	46 30.04	24 53 16.5	149	165	
3439	9½	46 30.84	59 43 8.5	179	17	
3440	8	46 30.92	36 9 22.4	534	188	
	8	31.21	20.8	532	177	
3441	8	46 32.93	50 30 3.0	548	28	
3442	7½	46 33.60	54 29 37.7	546	34	
	7½	33.63	35.9	215	29	
3443	7½	46 33.86	54 26 18.4	546	33	
	8	34.02	16.7	215	28	
3444	9½	46 34.05	38 0 37.3	535	188	
3445	10	46 34.63	38 22 9.4	565	172	
3446	9	46 35.93	40 23 43.9	578	106	
3447	8	46 36.11	54 35 14.5	546	35	
	8	36.29	12.7	215	30	
3448	9½	46 36.26	28 48 49.2	207	78	
3449	9½	46 38.13	52 20 7.6	212	30	
	9	38.27	8.4	542	30	
3450	8½	46 38.26	27 2 48.5	561	221	
	8½	38.31	50.0	540	73	
	8½	38.37	50.5	540	75	
3451	9½	46 39.09	44 14 38.0	584	113	
3452	9½	46 40.16	50 13 58.6	548	30	
3453	9	46 40.82	42 17 55.7	167	104	
3454	9½	46 41.18	24 11 34.7	133	203	
3455	9	46 41.49	23 34 6.6	122	221	
3456	9	46 42.09	34 7 0.7	572	157	
3457	8½	46 43.76	29 20 42.6	538	189	
3458	8	46 44.09	32 23 47.0	570	186	
3459	7	46 44.20	44 15 43.1	584	112	
3460	8½	46 44.86	54 24 4.6	546	32	
	8½	44.90	3.3	215	27	
3461	8	46 45.77	30 0 5.2	599	3	
	8	45.90	6.3	595	46	
	7½	46.28	4.7	566	170	
3462	9	46 46.34	37 14 4.4	535	190	
3463	7	46 46.57	54 45 44.1	215	31	dpl. II. s. pr.
3464	9	46 49.47	26 58 17.9	540	74	
	9	49.62	16.5	561	222	
3465	9½	46 51.42	31 50 46.8	570	184	
	9½	51.50	46.1	602	7	
3466	9	46 51.89	33 45 40.2	141	18	
3467	9½	46 52.43	43 11 1.1	537	122	
3468	7½	46 52.96	60 50 58.1	221	6	
3469	8	46 53.78	47 58 15.5	200	55	
3470	9½	46 55.58	28 26 35.9	204	73	
	9	55.72	39.5	207	80	
3471	8½	46 56.04	34 38 7.9	165	8	
	8½	56.15	8.6	165	9	
3472	8	46 56.60	46 0 29.7	172	133	
	8½	56.61	28.0	170	136	
3473	9	7 46 56.84	54 29 51.5	546	36	
	9½	56.88	52.3	215	32	
3474	9	7 46 58.82	27 58 54.4	204	72	
3475	9	46 59.74	40 53 21.5	578	108	
	9	59.78	21.0	162	91	
3476	6½	46 59.92	50 11 23.5	548	29	
3477	8½	47 0.51	37 18 54.7	535	189	
3478	9½	47 0.63	46 26 8.0	172	134	
3479	9½	47 0.87	39 7 14.1	565	173	
	9½	1.08	14.0	576	116	
3480	9	47 3.73	42 38 13.0	167	106	
3481	8	47 3.85	48 13 27.6	586	57	
	8	3.96	29.8	196†	52	
	8	4.14	28.7	200	56	
3482	8	47 4.12	31 18 58.9	568	214	
3483	8	47 4.72	46 33 4.5	172	135	
3484	9	47 7.32	73 32 0.4	580	67	
3485	7½	47 7.40	59 3 20.8	218	16	
	7½	7.43	21.8	218	18	
3486	10	47 7.75	23 23 47.4	122	222	
3487	9	47 8.44	25 36 58.3	149	167	
3488	6	47 9.08	59 58 19.5	179	18	
3489	9	47 9.54	26 6 31.2	561	224	
	9½	9.76	33.2	149	166	
3490	10	47 11.33	41 0 47.8	162	92	
3491	9½	47 12.25	29 21 17.2	538	190	
3492	8	47 13.58	63 22 23.2	181	13	n. pr.
	8	13.76	26.0	216	19	
	8	13.78	22.4	756	12	
	8	13.81	20.3	175	18	
3493	9½	47 13.74	34 3 55.6	572	158	
3494	8½	47 14.13	63 22 34.5	756	13	s. sq.
	9	14.48	31.5	175	19	
3495	7	47 14.58	42 46 31.8	167	107	
	6½	14.63	33.8	537	126	
3496	9	47 14.75	24 36 21.3	133	204	
3497	9½	47 17.14	31 51 34.2	602	8	
	9	17.16	34.7	570	185	
3498	8½	47 17.69	33 37 55.6	563	137	
	9	17.72	55.4	141	19	
3499	10	47 18.66	44 22 8.2	584	114	
3500	8½	47 19.01	43 27 17.5	537	124	
3501	9	47 19.42	28 55 47.6	204	74	
	9½	19.67	49.1	201	45	
	9½	19.69	46.4	207	79	
3502	9	47 20.19	39 44 42.4	576	117	
3503	9½	47 20.43	29 18 37.7	538	191	
3504	8½	47 20.97	31 9 56.5	568	215	
	8½	21.16	54.1	566	171	
3505	9½	47 21.69	30 30 42.5	595	47	
3506	9	47 21.72	45 23 14.7	170	137	
3507	8	47 21.91	71 24 33.5	580	68	
3508	8½	47 22.21	47 4 55.8	172	138	
3509	7½	47 22.28	47 37 0.9	200	59	
3510	9½	47 23.25	37 13 55.1	535	192	
3511	9	47 23.55	43 3 4.9	537	125	
3512	9½	47 24.24	26 2 41.1	561	225	
3513	8½	47 24.56	64 30 28.1	756	14	
	8½	24.64	27.8	216	18	
3514	9½	47 27.13	63 24 16.0	181	14	
	9	27.34	15.7	175	20	
	10	27.59	15.8	175	23	
3515	9	47 27.36	37 8 28.7	534	189	
	9½	27.46	29.8	535	191	
3516	8½	47 27.60	38 35 22.9	565	174	
3517	10	47 28.95	44 58 17.8	170	139	
	9½	29.09	18.8	584	116	
3518	7	47 29.19	46 53 48.2	172	137	
3519	9	47 29.37	31 31 39.8	602	9	
3520	10	7 47 31.43	24 42 43.1	133	206	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3521	9	7 47 31.47	24 46 47.5	133	205	
3522	9½	47 31.71	63 25 8.4	175	22	
	9	31.79	9.1	181	15	
3523	6½	47 33.36	42 34 3.6	167	108	
3524	9	47 34.13	48 17 39.6	196†	53	
	9	34.43	39.2	200	57	
3525	8½	47 35.28	46 22 57.3	172	136	
3526	6	47 35.54	34 23 32.5	572	159	
	6	35.67	32.3	165	10	
3527	9½	47 36.51	58 15 47.3	218	17	
3528	9	47 37.54	35 44 28.2	532	178	
3529	9	47 38.30	66 1 49.9	216	17	
3530	9	47 41.10	30 9 13.7	538	192	s. pr.
	9	41.10	14.0	599	4	
	8½	41.45	14.2	595	48	
	8½	41.45	14.6	566	172	
	9	41.49	11 6	595	49	
3531	8	47 41.16	56 0 27.4	544	33	
3532	9	47 41.61	30 9 6.8	599	5	n. sq.
	9	41.91	4.4	538	193	
	9	41.96	4.6	566	173	
3533	9	47 42.49	55 15 51.7	546	38	
3534	9½	47 42.85	28 24 56.9	207	82	
3535	8½	47 43.16	55 19 24.0	546	37	
3536	7½	47 43.81	25 23 19.3	149	168	
3537	8	47 46.28	31 47 43.1	568	216	
	8	46.48	42.7	570	187	
	8	46.52	44.9	602	10	
3538	7	47 47.24	59 43 59.5	179	19	
3539	9½	47 47.33	22 48 58.8	122	226	
3540	9	47 47.53	48 47 31.2	586	59	
3541	9	47 48.12	45 5 2.9	170	138	
	9	48.13	5.1	584	115	
3542	8½	47 48.80	41 27 57.0	162	93	
3543	9	47 50.52	27 52 26.2	540	76	
3544	9½	47 51.30	28 27 56.2	207	81	
3545	9½	47 53.32	28 54 52.2	204	75	
3546	8	47 53.84	26 5 29.0	561	229	
	8	53.93	28.9	561	226	
3547	9	47 53.91	24 54 33.4	133	207	
3548	9	47 54.76	24 15 46.8	133	208	
3549	4	47 55.40	40 15 14.1	578	109	
3550	8	47 56.18	50 6 37.1	548	32	
	8	56.31	37.5	548	35	
3551	8½	47 56.61	48 42 54.0	586	58	
3552	9	47 57.61	34 34 42.9	572	160	
3553	9½	47 57.99	25 22 49.6	149	169	
3554	9	47 58.12	42 0 7.0	167	110	
	8½	58.15	8.2	162	94	
3555	9	47 59.12	48 7 50.7	200	58	
3556	9½	48 0.03	29 2 14.1	204	76	
3557	9½	48 0.15	27 50 59.2	540	77	
3558	10	48 3.01	36 1 36.1	534	190	
3559	9½	48 4.05	23 51 22.8	122	223	
	9½	4.06	22.6	133	209	
3560	8½	48 4.29	50 13 53.8	548	31	
	9	4.31	56.3	548	34	
3561	9	48 4.31	28 10 9.1	540	78	
	9	4.41	10.1	201	46	
	9	4.48	9.0	207	83	
3562	8½	48 4.48	55 16 32.5	546	40	
3563	8	48 4.69	41 59 60.6	162	95	
	8	4.73	59.3	167	109	
3564	9½	48 6.60	28 11 58.7	201	47	
	9½	6.73	57.4	207	84	
3565	8	48 7.22	60 54 15.2	221	8	
3566	9	48 9.09	60 48 58.7	221	7	
3567	9	48 11.20	39 18 49.3	576	118	
	9½	11.26	50.9	576	119	
3568	9	7 48 12.37	37 39 16.9	535	193	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
3569	9	7 48 13.05	48 25 24.6	196†	54
3570	8	48 13.14	32 58 25.5	563	138
	8½	13.15	27.7	141	21
	8	13.23	25.0	570	188
3571	5	48 13.34	38 32 23.0	565	175
3572	9½	48 13.70	31 11 45.1	602	11
3573	9½	48 15.97	50 4 31.9	548	33
	9½	16.15	33.0	548	36
3574	9	48 17.47	30 32 20.4	599	6
	8½	17.74	22.1	595	51
	9	17.81	22.5	595	50
	9	17.83	21.9	566	174
3575	8½	48 17.67	67 7 30.6	199	49
3576	7½	48 17.77	22 59 21.7	122	224
3577	7½	48 18.92	22 51 48.7	122	225
3578	7½	48 20.10	31 29 5.4	602	12
	7½	20.33	3.7	568	217
3579	8½	48 20.38	53 28 18.3	215	33
	8	20.57	14.7	212	31
3580	10	48 20.39	28 59 18.7	204	78
3581	9	48 20.74	37 26 53.7	535	194
3582	9	48 21.04	23 56 4.5	133	210
3583	9½	48 21.80	45 24 47.5	170	140
3584	9½	48 24.36	40 14 31.4	578	110
3585	9	48 26.40	39 1 53.1	576	120
3586	9½	48 26.40	41 55 59.1	162	96
	9	26.64	59.4	167	111
3587	9	48 26.44	25 54 34.3	561	231
3588	9	48 26.81	23 14 40.2	122	227
3589	8	48 27.06	26 57 22.7	561	228
3590	9	48 27.53	65 30 20.8	216	21
	8½	27.76	23.5	756	15
3591	6	48 27.84	36 2 22.6	532	180
	6	27.92	25.5	534	191
3592	8½	48 28.30	48 32 46.5	196†	55
3593	8½	48 28.34	29 29 58.4	538	195
3594	8½	48 30.33	27 8 13.9	561	227
3595	8½	48 30.34	28 54 3.2	204	77
	8½	30.45	4.0	201	48
	8½	30.54	1.7	207	85
	8½	30.55	1.7	538	194
3596	9	48 30.86	34 7 26.9	572	163
3597	9	48 30.92	31 34 54.0	602	13
	9	31.00	52.8	568	218
3598	7½	48 31.25	33 42 52.3	563	139
	8	31.44	53.9	141	22
	7½	31.45	50.8	141	20
3599	9	48 31.63	38 28 55.9	565	176
3600	9	48 32.09	36 12 2.3	534	193
	9	32.34	3.0	532	179
3601	9	48 32.26	40 59 22.5	578	111
3602	7	48 32.53	34 36 52.1	165	11
	7	32.60	53.2	572	161
3603	9	48 32.89	44 30 34.3	584	119
3604	9	48 32.94	25 4 42.8	149	170
3605	8½	48 33.50	29 24 33.6	538	196
3606	9½	48 37.00	44 2 45.9	584	118
	9	37.01	46.6	537	127
3607	9	48 37.16	46 45 35.3	172	141
3608	8½	48 37.34	27 41 52.6	540	79
3609	9½	48 37.71	53 2 10.5	212	33
3610	7½	48 37.86	25 56 16.2	561	232
3611	8½	48 38.02	27 39 22.5	540	80
3612	9½	48 40.02	33 0 21.9	570	189
3613	8½	48 40.57	46 54 21.2	172	140
	8½	40.74	21.7	200	60
3614	9	48 41.55	48 21 46.2	196†	56
3615	9½	48 42.03	48 47 47.3	586	60
3616	8	7 48 42.44	47 4 8.7	172	139
	8½	42.77	8.8	200	61

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
3617	7½	7 48 44.48	59 19 31.3	179	20
	7½	44.66	29.7	218	19
3618	9	48 44.88	36 11 46.8	534	192
	9	45.08	45.1	532	181
3619	9	48 45.69	42 11 47.0	162	97
3620	9	48 46.46	35 17 46.0	532	182
3621	9½	48 46.66	34 9 29.9	572	162
3622	7½	48 47.34	26 1 25.4	561	230
	7	47.35	27.5	149	172
3623	9½	48 48.70	38 30 51.8	565	177
3624	9	48 49.37	54 29 46.0	215	35
3625	9½	48 49.62	49 30 58.8	586	61
3626	9	48 49.82	23 26 2.1	122	228
3627	6½	48 50.83	65 52 35.1	216	20
	6	50.93	35.5	756	16
3628	9½	48 51.10	53 0 8.0	212	32
3629	9½	48 51.29	30 35 16.2	566	176
	9½	51.30	19.1	595	52
3630	9½	48 51.78	30 42 19.9	595	53
	9	51.93	20.2	566	175
	9	51.95	20.6	595	54
3631	9	48 55.79	63 49 21.4	175	24
3632	9	48 56.93	29 59 49.0	599	7
	9	56.99	49.0	538	197
3633	9	48 57.01	33 57 37.8	572	164
3634	9	48 57.21	67 47 20.5	199	50
3635	9	48 57.33	43 52 50.5	537	128
	9	57.38	49.7	584	117
3636	7½	48 58.75	25 49 36.2	561	233
	7½	58.85	38.3	149	173
3637	8	49 0.43	36 36 44.4	534	194
3638	7½	49 0.52	55 22 48.3	546	39
3639	8½	49 1.13	43 39 21.5	537	129
3640	9½	49 1.70	63 33 7.1	181	16
3641	8	49 3.43	73 46 31.7	581	69
3642	9½	49 3.96	48 25 23.7	196†	57
3643	9½	49 4.58	51 29 26.2	542	33
3644	9	49 5.41	47 42 24.2	200	62
3645	9½	49 6.10	23 58 43.7	122	230
	9½	6.18	44.9	133	211
3646	9	49 9.73	57 32 39.5	544	35
3647	9	49 11.72	54 42 36.0	215	34
3648	8	49 13.17	31 23 48.9	568	220
	8	13.46	52.6	602	14
3649	8½	49 13.56	25 21 58.6	149	171
3650	8½	49 16.00	44 53 37.9	170	141
	8½	16.27	39.0	584	122
3651	9	49 16.02	29 12 34.4	538	198
	9	16.23	34.2	207	86
3652	8½	49 16.29	60 55 59.2	221	11
	9	16.43	56.7	221	9
3653	9½	49 17.17	42 32 52.0	167	112
3654	9	49 17.69	49 18 5.5	586	64
3655	8½	49 18.31	59 20 9.4	179	21
3656	9½	49 19.34	62 30 24.5	181	18
	8½	19.57	25.2	175	26
3657	7½	49 19.84	27 46 44.3	201	49
	7½	19.89	42.6	540	81
3658	8	49 20.06	33 41 45.3	563	140
	7½	20.09	46.6	141	23
3659	9	49 20.68	31 2 49.5	568	219
3660	7½	49 24.53	50 11 48.6	548	37
3661	9	49 24.55	31 9 40.1	566	177
3662	8	49 25.49	51 13 58.5	542	32
3663	8	49 25.56	51 15 5.3	542	31
3664	9½	49 25.72	56 49 22.5	544	34
3665	9	49 26.18	39 6 3.8	576	121
	9	26.28	4.3	565	178
3666	9	49 27.06	35 53 52.4	534	196
3667	9	7 49 27.34	32 16 27.6	570	190
3668	9	7 49 28.40	35 24 25.8	532	184
3669	9½	49 29.50	53 39 50.9	215	37
3670	9½	49 29.80	33 40 55.8	563	141
	10	29.95	57.2	141	24
3671	9	49 30.46	23 58 39.7	133	212
	9	30.52	40.1	122	229
3672	6	49 30.69	54 2 34.8	215	36
3673	5	49 32.46	49 17 18.9	586	62
	5	32.50	19.4	548	39
	5	32.60	17.3	196†	58
3674	6	49 33.17	35 33 1.7	532	183
3675	9	49 33.75	36 59 22.9	534	195
	9	33.96	23.1	535	195
3676	9	49 34.48	42 21 4.7	167	113
3677	10	49 35.95	42 26 35.6	167	114
3678	9½	49 36.17	25 49 52.1	561	234
3679	9½	49 36.42	27 28 36.9	450	82
3680	9	49 37.26	38 58 32.1	565	179
	9	37.28	32.6	576	122
3681	7½	49 37.73	62 36 31.4	175	25
3682	4½	49 37.97	47 46 39.9	200	63
3683	9½	49 38.00	46 38 24.3	172	142
3684	8½	49 38.11	27 25 14.0	540	83
3685	8	49 38.15	62 36 32.7	181	17
3686	8½	49 38.15	32 9 44.7	570	191
3687	10	49 40.02	52 44 45.6	212	36
3688	8	49 40.08	23 8 16.1	122	231
3689	9	49 40.67	40 55 25.5	578	112
3690	9	49 40.94	40 39 25.6	578	114
3691	8	49 41.24	49 26 48.3	196†	59
	8½	41.39	45.3	548	38
	8½	41.41	45.9	586	63
3692	8½	49 41.46	27 57 2.0	204	80
	8½	41.52	5.8	207	87
	8½	41.55	0.2	540	84
3693	7	49 41.70	52 38 48.8	212	34
	7	41.71	48.7	542	34
3694	8½	49 42.46	31 18 5.6	568	221
	7	42.58	9.0	602	15
3695	9½	49 42.83	59 7 16.8	218	20
3696	9	49 45.59	52 41 20.0	542	35
	9	45.72	19.5	212	35
3697	9	49 46.78	27 58 2.8	201	51
	8½	46.92	2.0	207	88
	8½	46.93	3.1	540	85
	8½	46.95	1.3	204	79
3698	9	49 47.33	28 7 48.9	204	81
3699	9	49 47.94	44 26 40.6	584	120
3700	7	49 48.99	41 22 34.2	162	98
3701	8½	49 49.40	26 8 30.7	590	1
	8½	49.56	30.2	561	235
	8½	49.67	33.9	149	175
3702	8	49 53.57	43 40 20.0	537	130
3703	9	49 54.83	44 32 48.7	584	121
3704	9	49 56.27	45 37 56.3	170	142
3705	9½	49 56.31	40 58 28.8	578	113
3706	9	49 56.95	55 23 5.5	544	41
3707	7	49 57.03	31 12 26.5	602	16
	7	57.26	26.0	568	222
3708	6½	49 57.99	34 31 6.3	572	166
	7	58.18	4.1	165	12
3709	9½	49 58.46	34 24 33.3	572	165
3710	9	49 58.82	69 8 12.6	199	51
3711	7½	49 59.90	59 17 23.3	179	23
3712	9½	50 0.78	45 2 32.9	170	145
3713	9½	50 3.31	32 59 37.1	570	193
3714	8	50 4.52	26 5 47.6	590	2
	8	4.62	47.4	561	236
	8	4.77	47.8	149	174
3715	8½	7 50 4.87	35 56 49.5	534	197

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3716	8½	7 50 4.95	40 31 47.5	578	115	
3717	9	50 5.21	45 18 57.3	170	143	
3718	7	50 5.55	25 36 13.0	149	176	
3719	9	50 6.29	43 45 16.6	537	131	
3720	8½	50 6.72	30 46 14.7	595	55	
	8½	7.02	14.7	566	178	
3721	9	50 6.78	40 23 43.0	578	116	
3722	9	50 7.23	34 54 57.0	572	168	
3723	7½	50 7.35	59 10 6.4	179	22	
	7½	7.62	5.7	218	21	
3724	9½	50 8.13	60 28 42.5	221	10	
	9	8.53	41.5	179	24	
3725	8½	50 9.49	48 28 4.7	586	65	
	9	9.68	5.4	196†	60	
	9	9.70	2.3	200	64	
3726	9½	50 11.97	46 15 13.0	172	143	
3727	7½	50 12.60	39 48 10.1	578	117	
	7½	12.62	9.2	576	123	
3728	8½	50 13.56	44 58 1.0	584	123	
	8½	13.57	0.0	170	144	
3729	8	50 13.71	62 35 3.3	175	27	
	8½	13.93	2.3	181	19	
3730	9	50 13.84	32 26 25.5	570	192	
3731	7½	50 13.96	41 19 46.4	162	99	
3732	9	50 14.36	39 19 1.8	576	126	
3733	8	50 16.36	27 57 15.9	204	82	
	8	16.47	16.4	540	86	
	8	16.57	18.1	207	89	
	7½	16.67*	15.0	201	50	
3734	9½	50 16.57	23 6 1.6	122	232	
	9½	16.67	0.9	122	233	
3735	7	50 17.36	30 35 21.4	599	9	
	6½	17.77	23.8	595	57	
	7	17.89	21.8	566	179	
3736	9	50 17.65	35 14 46.7	532	185	
3737	7½	50 17.81	23 43 44.7	230	3	
3738	8½	50 19.11	34 59 49.6	572	167	
	9	19.21	48.3	532	186	
3739	9	50 22.15	30 38 42.4	599	8	
	9½	22.25	40.8	595	56	
	9	22.29	38.5	566	180	
3740	9	50 23.41	56 49 49.5	544	36	
3741	8	50 24.71	38 5 24.4	535	196	
	8	24.79	25.4	565	180	
3742	9	50 24.81	49 46 7.2	548	43	
3743	9	50 25.25	28 5 23.5	540	88	
	9	25.33	25.2	204	84	
	9	25.43	26.0	207	91	
3744	9½	50 25.42	23 47 56.7	133	213	
3745	8	50 25.50	42 8 38.1	162	100	
	7½	25.68	38.7	167	115	
3746	9½	50 25.80	33 35 38.2	141	25	
	9½	25.90	39.9	141	26	
3747	9½	50 27.60	52 45 59.3	212	37	
3748	8	50 27.97	39 40 5.0	576	124	
3749	7½	50 28.98	30 1 20.9	595	58	
	8	29.15	18.1	538	199	
3750	9	50 30.98	35 3 9.7	572	169	
	9	31.13	10.0	532	187	
3751	9½	50 33.65	28 5 24.5	540	87	
	9½	33.73	26.0	204	83	
	9½	33.79	27.3	207	90	
3752	7½	50 33.65	23 48 21.8	230	1	
	8	33.75	19.5	122	235	
	9	33.87	17.7	133	214	
3753	8	50 35.46	25 30 33.1	149	177	
3754	9	50 35.94	28 19 6.3	204	86	
3755	9½	7 50 36.16	43 44 59.2	537	133	
3756	8½	7 50 37.11	46 58 43.7	200	65	
	8½	37.25	42.6	172	145	
3757	9	50 37.43	23 46 42.0	122	234	
	8	37.43	42.0	230	2	
3758	8	50 38.07	26 46 54.6	561	237	
	8	38.23	54.1	590	3	
3759	9½	50 39.02	31 34 0.1	602	17	
3760	9½	50 42.40	32 24 11.9	570	194	
3761	7	50 44.14	44 1 36.9	584	124	
3762	8½	50 46.95	44 2 53.6	584	126	
3763	8	50 47.74	63 58 7.5	756	17	
	7½	47.76	7.9	216	22	
	7½	47.99	5.1	175	28	
3764	9	50 48.40	43 46 51.6	537	132	
3765	8½	50 49.12	39 24 22.7	576	125	
3766	9½	50 49.38	30 8 11.5	538	200	
3767	9½	50 50.65	49 27 12.7	548	41	
3768	8½	50 51.68	44 1 45.1	584	125	
3769	9	50 51.81	46 43 20.9	172	144	
3770	9½	50 52.62	28 12 26.4	204	85	
3771	9	50 53.59	30 44 56.4	599	10	
	9	53.65	57.4	566	181	
3772	9	50 54.30	77 51 1.1	194†	18	
	8½	54.79	1.7	596	9	
3773	9	50 54.78	25 52 24.4	561	241	
3774	8	50 54.83	26 23 37.6	590	6	
	8	54.89	37.2	561	238	
3775	7½	50 56.09	49 50 32.2	548	42	
3776	8	50 56.17	45 20 4.8	170	146	
3777	9½	50 57.34	49 21 25.1	586	66	
	8½	57.36	26.5	548	44	
	9	57.37	26.3	548	40	
	9½	57.39	25.0	196†	61	
3778	9	50 57.38	51 55 42.5	542	36	
	9	57.56	43.6	212	38	
3779	9	50 58.36	37 34 42.9	535	199	
3780	9	50 59.30	25 1 39.4	149	179	
3781	8½	51 0.04	72 2 7.2	580	70	
3782	9	51 1.17	47 10 0.8	172	147	
3783	9	51 1.39	26 44 57.0	590	4	
	9	1.66	54.7	561	240	
3784	9½	51 2.69	24 30 11.7	133	215	
3785	9	51 3.20	57 1 16.8	544	37	
3786	8	51 3.53	36 15 22.2	534	198	
3787	9	51 4.69	64 58 3.1	756	18	
3788	9	51 5.08	42 13 9.8	167	116	
3789	9	51 5.11	43 32 0.5	537	134	
3790	8	51 6.09	41 30 24.6	162	102	dpl. II.
3791	9	51 7.70	26 44 8.0	561	239	
	9	7.77	9.2	590	5	
3792	8	51 7.76	27 50 60.8	201	53	
	8	7.81	62.1	204	87	
	8	7.92	58.9	207	93	
	8	7.92	62.4	540	90	
3793	9	51 7.85	43 32 46.1	537	137	
3794	8½	51 8.75	37 31 36.9	535	198	
3795	9	51 9.77	42 17 23.1	167	118	
3796	9	51 10.01	30 34 50.7	599	12	pr.
	9	10.03	50.9	595	60	
3797	9	51 10.60	30 34 47.2	595	59	sq.
	9	10.72	45.4	599	11	
	9	10.90	48.0	566	182	
3798	9½	51 11.78	47 11 27.1	172	148	
3799	9	51 12.06	27 57 20.6	207	92	
	9	12.09	18.6	540	89	
	9	12.22	21.1	201	52	
3800	9½	51 12.12	53 38 59.9	215	38	
3801	9½	7 51 12.37	55 20 23.2	546	42	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3802	8½	7 51 12.76	60 36 29.5	175	31	
	8	12.79	28.4	179	25	
	8½	12.81	29.2	175	33	
3803	8½	51 14.98	38 0 19.9	535	197	
	8½	15.02	21.1	565	181	
3804	9	51 15.60	42 7 17.4	167	117	
	9	15.64	17.3	162	101	
3805	9½	51 15.61	53 42 38.0	215	39	
3806	9	51 16.16	57 40 23.6	544	38	
3807	9½	51 16.31	23 34 37.1	230	4	
3808	8½	51 18.05	69 45 57.1	199	52	
3809	9	51 18.48	33 49 29.2	141	27	
3810	8½	51 19.98	49 21 21.1	548	45	
	8½	20.03	19.9	196†	62	
	9	20.14	18.9	586	67	
3811	9	51 20.16	39 8 27.7	576	128	
3812	9	51 20.89	75 49 16.4	596	10	
3813	8½	51 21.20	35 34 55.0	532	188	
3814	9½	51 21.71	39 4 44.5	576	127	
3815	8	51 22.80	25 4 55.1	149	178	
	8½	22.93	53.1	133	217	
	8	22.97	53.2	603	2	
3816	6½	51 23.73	29 57 5.5	593	1	
	6½	23.91	7.3	538	202	
3817	8½	51 24.27	70 27 18.7	199	53	dpl.
3818	9	51 24.47	24 31 1.6	133	216	
3819	9	51 25.18	37 4 45.2	534	199	
3820	9½	51 26.45	49 15 52.9	196†	63	
	9½	26.54	54.6	586	68	
3821	8½	51 27.20	34 22 44.2	572	170	
3822	9	51 27.49	57 14 49.3	544	39	
3823	8½	51 27.79	30 32 11.0	599	13	
	8½	27.92	11.9	595	61	
	8½	28.14	11.0	566	183	
3824	9½	51 28.31	38 46 48.5	565	182	
3825	9	51 28.87	25 4 28.6	133	218	
	8½	28.90	27.7	603	1	
	8½	29.17	29.2	149	180	
3826	8½	51 29.33	25 59 6.3	590	7	
	8½	29.40	5.7	561	242	
3827	8	51 30.02	60 43 34.8	175	32	
3828	9½	51 30.61	26 3 53.3	590	8	
3829	9	51 31.02	41 29 49.7	162	104	
3830	9	51 31.34	34 27 18.5	572	171	
3831	9	51 31.72	27 52 30.9	204	88	
	9½	31.82	31.8	540	91	
	9½	31.82	31.7	207	94	
	9½	31.96	32.1	201	54	
3832	8	51 31.81	62 1 48.9	221	12	
	8	31.86	49.8	181	20	
3833	9	51 32.96	30 7 58.7	538	204	
	9	33.08	58.0	538	201	
3834	10	51 34.42	30 31 12.9	595	62	
	9	34.44	13.2	566	184	
	9½	34.50	12.3	599	14	
3835	9	51 34.52	61 59 17.2	181	21	
	9	34.61	29.7	221	13	
3836	7½	51 34.56	43 26 55.4	537	135	
3837	9½	51 34.85	42 30 10.9	167	119	
3838	9½	51 36.92	35 15 29.5	532	190	
3839	9½	51 37.53	34 2 50.2	141	28	
3840	7½	51 38.45	46 58 53.7	172	146	
	7	38.62	55.9	200	66	
3841	9	51 40.16	35 13 24.0	532	189	
3842	9	51 40.62	60 14 37.8	179	26	
3843	9	51 42.76	32 47 29.2	570	195	
3844	6½	51 42.90	43 30 48.4	537	136	
3845	9½	51 43.11	37 40 8.6	535	200	
3846	9	7 51 43.16	30 11 29.3	538	205	
3847	8½	7 51 43.66	64 42 14.8	756	19	
	8	43.73	13.8	216	23	
3848	9	51 44.24	44 26 33.1	584	128	
3849	8½	51 44.25	77 18 60.1	194†	19	
	8	44.60	59.9	194†	21	
	8	44.74	59.1	596	11	
3850	7	51 47.40	52 15 10.8	542	37	
	7	47.62	10.6	212	39	
3851	9½	51 47.88	41 35 19.0	162	103	
3852	9½	51 48.65	55 21 15.9	546	43	
3853	8	51 49.07	58 14 28.5	218	22	
3854	7½	51 50.05	60 15 13.2	179	27	
3855	9½	51 50.28	48 19 35.9	586	69	
3856	8½	51 50.36	26 57 40.2	561	243	
3857	9½	51 51.59	30 55 4.6	602	18	
	9½	51.78	2.1	566	185	
3858	9½	51 51.81	27 55 28.5	207	95	
	9	51.88	28.6	540	92	
	9½	51.91	29.3	204	89	
3859	9	51 52.32	52 28 52.4	542	39	
3860	8½	51 52.90	30 2 38.3	593	2	
	9½	52.93	36.6	538	203	
	9	53.11	37.7	595	63	
3861	10	51 53.88	42 26 27.6	167	121	
3862	9	51 54.72	24 3 47.9	230	5	
3863	9½	51 55.45	42 31 41.0	167	120	
3864	9½	51 55.56	24 56 50.6	133	219	
3865	9½	51 55.77	30 54 18.8	602	19	
	9½	56.01	14.8	566	186	
3866	8	51 55.86	44 17 19.5	584	127	
3867	9½	51 56.90	41 34 41.0	162	105	
3868	7	51 57.43	45 38 51.9	170	147	
3869	9	52 3.30	47 42 34.5	200	68	
3870	7½	52 3.75	62 3 8.2	221	14	
	8	3.79	7.9	181	22	
3871	7	52 5.10	52 34 18.9	542	38	
	7½	5.26	19.6	212	40	
3872	9	52 5.74	63 26 25.7	175	29	
	9	6.03	28.9	216	25	
3873	7	52 5.77	40 24 12.5	578	119	
3874	8	52 5.87	54 18 37.9	215	41	
	8	5.90	38.0	546	45	
3875	9	52 7.30	74 18 48.1	580	71	
3876	9	52 7.38	55 1 45.6	546	44	
3877	8	52 7.44	24 11 12.4	603	3	
	9	7.49	13.2	122	236	
3878	9	52 7.70	40 14 58.0	578	118	
3879	9½	52 8.18	42 53 28.3	167	124	
3880	8	52 9.79	43 48 36.4	537	138	p
3881	9	52 10.58	46 42 0.6	172	150	
3882	9	52 10.91	35 47 13.0	532	191	
3883	9	52 11.42	43 55 33.0	537	139	
3884	9½	52 12.47	41 38 24.4	162	107	
3885	9	52 13.11	36 26 38.2	534	200	
3886	9	52 13.50	26 36 13.0	561	244	
3887	8	52 13.53	58 24 4.4	218	23	
3888	8	52 14.51	63 19 23.3	216	24	
	8	14.84	19.0	175	30	
3889	9½	52 14.65	26 46 14.3	561	245	
3890	9	52 15.35	39 52 45.2	576	129	
3891	9	52 15.43	41 35 10.9	162	106	
3892	6	52 17.81	56 58 22.6	544	40	
3893	8	52 18.70	34 2 38.3	141	29	
3894	9	52 19.02	39 35 52.6	576	130	
3895	9½	52 19.30	44 14 54.3	584	129	
3896	9½	52 19.86	41 9 8.0	578	120	
3897	7½	7 52 20.13	32 54 57.2	609	1	
	8	20.15	57.5	141	31	
	7½	20.28	56.0	570	197	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3898	8½	7 52 21.24	36 34 22.3	534	201	
3899	9	52 21.44	25 36 36.6	225	2	
3900	9½	52 21.72	28 0 2.8	540	94	
	9½	21.91	0.5	204	90	
	9½	21.95	1.0	207	96	
3901	8	52 22.52	32 48 16.3	609	2	
	7½	22.99	15.2	570	196	
3902	8½	52 23.41	46 58 59.9	172	149	
	8	23.59	59.8	200	67	
3903	9	52 23.54	42 22 56.7	167	122	
3904	9	52 24.00	40 54 54.0	578	122	
3905	9½	52 24.44	61 38 8.8	175	36	
3906	9½	52 26.36	36 54 31.8	534	202	
3907	9	52 26.40	55 11 0.0	546	47	
3908	8	52 26.60	34 52 59.3	165	13	
3909	8½	52 26.74	28 0 37.5	204	91	
	8½	26.89	35.4	540	93	
	8½	26.92	37.7	207	97	
	8½	27.13	37.1	201	55	
3910	8½	52 27.44	71 41 3.0	580	72	
3911	9	52 28.43	48 40 5.1	586	70	
3912	9½	52 28.67	44 50 49.8	170	148	
3913	9½	52 28.68	28 6 57.5	204	92	
3914	9	52 28.73	25 51 2.5	561	246	
	8½	28.88	3.1	225	1	
	9	28.95	2.5	590	9	
3915	8½	52 29.17	38 57 32.1	617	1	
3916	8½	52 31.44	35 2 36.4	165	14	
	8	31.44	35.2	532	193	
3917	8½	52 31.82	52 46 54.7	212	42	
3918	9½	52 32.46	42 56 39.8	167	125	
3919	9	52 34.12	79 21 3.6	194†	20	
	9	35.36	4.1	596	12	
3920	8½	52 34.59	38 53 35.7	617	2	
3921	9½	52 34.63	38 4 44.7	535	202	
3922	9	52 36.19	52 24 41.0	542	40	
	9½	36.52	40.6	212	41	
3923	9	52 36.59	58 16 5.3	218	24	
3924	8½	52 36.73	47 54 36.7	200	69	
3925	9	52 37.37	61 53 4.2	181	23	
3926	8½	52 38.03	34 34 37.2	572	172	
3927	7½	52 38.31	61 32 20.4	175	35	
3928	9	52 38.42	57 15 14.8	544	41	
3929	9	52 39.71	38 4 56.9	535	201	
	9	39.95	58.3	565	183	
3930	8½	52 40.15	24 28 23.4	603	4	
3931	5	52 40.99	29 59 58.0	538	206	
	6	41.10	58.6	595	64	
	5½	41.17	57.9	593	3	
3932	9	52 41.46	34 35 5.3	572	173	
3933	10	52 42.27	24 55 —	133	220	
3934	9½	52 42.68	32 57 47.7	570	198	
3935	8½	52 43.57	38 42 11.6	617	3	
3936	9½	52 43.62	62 5 38.4	221	15	
	9½	43.91	39.6	181	25	
3937	8	52 43.79	40 51 39.9	578	121	
3938	10	52 44.35	61 54 33.0	181	24	
3939	9	52 44.42	42 42 15.0	167	123	
3940	9	52 44.71	34 3 29.4	141	30	
3941	8½	52 46.15	25 16 58.8	603	5	
	8½	46.61	55.2	149	181	
	8	46.62	56.2	225	3	
3942	8	52 46.16	41 18 27.4	162	108	
3943	9	52 46.99	35 25 50.8	532	192	
3944	8½	52 47.81	76 26 57.9	194†	22	
	8½	48.32	56.6	596	14	
3945	9	52 49.44	26 3 14.2	590	10	
	9	49.47	13.9	561	247	
3946	9	52 49.57	76 49 45.1	596	13	
3947	7	7 52 49.75	51 0 17.3	548	46	
3948	8	7 52 50.28	49 38 50.8	586	72	red
	7½	50.30	52.0	196†	64	
	7½	50.32	52.9	548	48	
3949	8½	52 51.69	27 30 1.2	540	95	
3950	8	52 51.96	37 0 6.0	534	203	
3951	9	52 52.04	31 33 10.6	602	21	
3952	6	52 52.37	43 9 56.9	167	127	
3953	9½	52 53.06	27 53 40.9	204	93	
3954	9	52 53.22	32 3 44.7	609	3	
	9½	53.26	44.9	570	199	
3955	10	52 53.56	31 17 6.1	602	20	
3956	9	52 53.77	26 17 30.8	590	11	
3957	9	52 54.54	39 41 52.0	576	131	
3958	8½	52 55.82	45 42 43.4	170	150	
3959	9	52 56.35	31 0 36.7	599	15	
	9	56.46	34.6	566	187	
3960	8½	52 56.94	48 50 54.1	196†	66	
	9	57.03	51.5	586	71	
3961	9	52 57.02	53 44 55.3	215	40	
3962	9	52 57.35	58 9 52.8	218	25	
3963	9½	53 0.94	23 15 31.9	122	238	
	9	1.03	33.8	230	7	
3964	8	53 1.81	60 12 48.4	179	29	
3965	9	53 2.05	64 36 38.1	756	22	
	9	2.13	35.8	216	26	
3966	9	53 2.06	23 45 32.8	230	6	
	9	2.07	30.4	122	237	
3967	7½	53 2.35	43 8 55.4	167	128	
3968	8½	53 2.40	47 8 1.9	172	151	
	8	2.56	2.7	200	72	
3969	9	53 2.68	25 22 54.0	225	4	
	9½	2.77	55.1	149	182	
3970	9	53 2.72	28 36 16.9	207	99	
3971	9	53 2.83	34 27 52.3	572	177	
3972	8½	53 4.50	60 16 2.2	179	28	
3973	9	53 5.35	34 28 48.4	572	174	
	9	5.35	48.8	572	176	
3974	9½	53 6.33	24 35 42.8	133	221	
3975	7½	53 6.37	34 35 30.4	572	175	
	8	6.59	30.7	165	15	
3976	9½	53 8.12	44 46 12.1	584	131	
3977	8	53 8.94	38 35 21.5	617	4	
	8½	9.15	20.3	565	184	
3978	9	53 9.37	24 28 23.3	133	223	
	8½	9.38	24.5	603	6	
3979	8	53 9.82	54 43 26.4	546	49	
	8	9.94	25.6	546	46	
3980	8½	53 10.42	48 18 43.3	586	74	
	8½	10.69	42.8	200	70	
3981	8½	53 10.96	30 54 53.8	599	16	
	8½	11.19	54.2	566	188	
3982	9	53 11.56	31 46 14.3	602	22	
3983	9	53 12.15	44 46 57.3	584	130	
3984	8½	53 13.66	54 1 46.3	215	42	
3985	9	53 14.45	29 14 44.9	593	4	
3986	9	53 15.07	38 3 58.3	535	203	
3987	9	53 15.36	45 13 58.8	170	149	
3988	6	53 15.60	43 46 27.9	537	141	
3989	8½	53 18.85	28 47 33.1	201	56	
	8½	18.93	34.2	204	94	
	9	19.13	33.6	207	98	
3990	8½	53 19.48	31 5 44.9	566	189	
3991	9½	53 20.45	29 54 22.7	538	208	
3992	9½	53 20.73	30 43 29.9	599	17	
3993	9	53 20.88	67 7 24.6	756	20	
	9	21.09	27.0	199	54	
3994	9	53 22.70	41 14 7.1	162	110	
3995	9½	53 23.50	67 40 44.9	199	55	
3996	8	7 53 23.54	24 37 47.8	603	7	
	9	23.61	47.2	133	224	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3997	7½	7 53 24.22	48 55 45.5	196†	65	
	7½	24.35	46.7	586	73	
3998	7½	53 24.28	39 47 12.1	576	132	
3999	8½	53 24.92	40 56 12.5	578	123	
4000	10	53 24.93	30 27 9.0	595	65	
4001	8½	53 25.22	42 55 46.0	167	126	
4002	9	53 26.19	27 32 37.2	540	98	
4003	9½	53 27.02	37 40 22.8	535	205	
4004	9	53 27.75	25 12 36.6	149	183	
	9	27.83	39.0	225	6	
4005	9	53 28.56	43 41 32.7	537	140	
4006	9	53 28.81	46 45 46.9	172	152	
4007	9½	53 29.99	28 33 3.8	207	100	
4008	8	53 30.11	27 14 19.1	540	97	
4009	9½	53 30.77	26 36 32.8	590	13	
4010	9	53 31.48	24 27 39.3	133	222	
	8½	31.57	38.7	603	8	
4011	7	53 31.85	41 11 53.9	162	109	
	7½	31.94	52.4	578	124	
4012	9	53 32.10	25 23 19.2	225	5	
4013	9½	53 32.38	58 27 57.1	218	26	
4014	7½	53 32.59	37 14 38.3	615	1	
	8	32.67	34.5	535	204	
4015	9	53 33.28	32 9 6.0	570	201	
4016	9	53 34.87	43 8 14.6	167	130	
4017	9	53 34.94	33 22 40.9	141	32	
4018	8	53 35.14	33 16 19.3	141	33	
4019	9½	53 35.28	64 42 51.2	216	27	
4020	4	53 35.71	52 38 51.6	542	41	
	4	35.97	49.8	212	43	
4021	9½	53 36.26	23 4 55.2	122	241	
	8½	36.43	56.4	230	8	
4022	8½	53 36.40	43 9 55.2	167	129	
4023	8	53 36.41	45 59 25.0	172	154	
4024	6½	53 37.09	47 33 14.6	200	71	
4025	9	53 37.10	53 3 48.3	212	44	
4026	9	53 37.22	45 40 12.4	170	151	
4027	8½	53 37.48	27 6 55.7	590	12	
	8½	37.49	54.2	561	248	
	9	37.56	53.1	540	96	
4028	8½	53 39.96	31 57 29.4	609	4	
	8½	40.08	32.6	602	24	
	8½	40.26	27.3	570	200	
	8½	40.32	25.6	570	204	
4029	8	53 40.03	41 18 16.4	162	111	
4030	8½	53 41.50	29 55 30.4	593	5	
	8½	41.59	29.8	538	207	
	8½	41.74	29.6	566	190	
4031	9½	53 43.17	28 18 51.2	201	57	
	9	43.21	50.7	204	96	
4032	6	53 44.12	22 58 20.9	230	9	
	6	44.19	18.3	122	240	
4033	9	53 44.71	60 7 35.1	179	30	
	9	44.82	37.0	179	33	
4034	8½	53 45.78	50 44 55.0	548	49	
	9	45.82	52.4	548	47	
4035	9½	53 45.98	31 44 13.4	602	23	
4036	8	53 46.21	27 34 5.4	540	99	
4037	8	53 47.79	46 15 23.3	172	153	
4038	8½	53 47.83	43 54 30.3	584	132	
	8½	47.93	31.9	537	142	
4039	8½	53 48.42	39 16 31.5	576	133	
4040	9½	53 49.13	28 42 17.5	204	95	
4041	9	53 49.61	24 56 15.0	149	184	
4042	8	53 51.06	60 50 6.3	221	16	
	8	51.14	3.2	175	34	
4043	9	53 51.94	45 40 21.8	170	152	
4044	9	7 53 52.00	43 56 36.4	537	143	
	9	52.06	37.3	584	133	
4045	9½	7 53 52.56	39 21 5.8	576	135	
4046	9	53 54.08	65 53 1.6	756	21	
4047	8½	53 54.83	45 58 20.1	172	155	
4048	8	53 55.01	36 5 9.2	612	1	
	8	55.04	10.1	534	205	
	8½	55.16	7.4	532	194	
4049	9	53 55.28	59 54 27.9	179	31	
4050	9	53 55.54	34 17 5.4	572	179	
4051	5½	53 56.30	45 14 28.9	170	154	
4052	8½	53 56.74	36 17 49.1	534	206	
4053	9	53 57.03	43 33 59.0	537	146	
4054	9	53 57.66	32 14 15.2	570	203	
4055	8½	53 57.98	34 36 48.8	572	178	
	8½	58.14	47.4	165	16	
4056	9	53 59.34	43 32 37.9	537	145	
4057	8	53 59.46	23 36 33.6	122	239	
4058	9	54 1.04	30 0 7.3	593	7	
	8½	1.09	3.8	538	209	
	9	1.26	4.0	566	191	
4059	8½	54 1.38	26 45 29.0	590	14	
	8½	1.49	26.5	561	249	
4060	7½	54 2.36	36 40 32.1	534	204	
4061	9	54 3.82	32 13 3.9	570	202	
4063	9½	54 4.55	67 48 54.2	199	56	
4064	9	54 5.76	62 0 39.5	175	37	
	9	5.95	43.6	181	26	
4065	9	54 5.94	71 17 56.1	580	73	
4066	9½	54 6.55	39 23 59.8	576	134	
4067	8	54 7.09	42 57 40.5	167	131	
4068	9½	54 7.85	45 45 55.9	170	153	
4069	10	54 9.13	54 6 3.6	215	43	
4070	9	54 9.30	38 37 42.8	617	5	dpl. III.
4071	9½	54 11.52	34 19 52.7	572	180	
4072	8	54 11.55	56 8 51.5	546	48	
4073	6	54 12.06	60 11 28.1	179	32	
4074	9½	54 12.31	24 27 59.7	603	9	
	10	12.46	58.4	133	225	
4075	9½	54 12.55	63 52 52.7	756	24	
4076	7	54 15.28	60 45 49.7	221	17	
4077	8½	54 15.50	30 44 9.3	599	18	
4078	8	54 17.27	30 29 3.8	599	20	
	8	17.34	1.6	595	66	
4079	10	54 17.47	34 2 0.5	141	35	
4080	9	54 19.00	33 34 20.3	141	34	
	9	19.02	21.7	141	36	
4081	9	54 19.64	43 29 53.9	537	144	
4082	9	54 20.43	56 31 35.7	544	45	
	9	20.51	37.2	544	42	
4083	8½	54 20.53	29 0 35.9	538	210	
	8½	20.54	37.9	593	6	
	8½	20.65	38.0	207	101	
	9	20.67	36.2	201	58	
4084	7½	54 20.59	57 5 39.1	544	43	
4085	9	54 21.47	31 51 5.1	609	5	
	9	21.51	2.7	570	205	
4086	9½	54 21.94	24 15 59.5	603	10	
4087	8½	54 22.26	34 57 52.6	612	2	
	8½	22.37	52.0	532	195	
	8½	22.40	50.8	532	196	
	9	22.48	51.1	165	17	
4088	9	54 24.00	48 40 53.6	196†	67	
	8½	24.12	54.4	586	75	
4089	9	54 24.39	42 50 57.3	167	132	
4090	9	54 24.46	63 51 31.7	756	23	
4091	8	54 24.47	26 51 47.5	590	15	
	8	24.49	48.2	561	250	
4092	8	7 54 24.61	28 5 30.0	204	97	
	8½	24.70	29.1	540	101	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
4093	8½	7 54 26.48	44 58 34.4	584	134	
	9	26.57	32.8	170	155	
4094	9½	54 26.58	68 40 7.5	199	57	
4095	9½	54 27.90	27 55 52.5	204	98	
4096	9	54 29.60	40 0 12.5	576	136	
4097	7	54 30.06	58 47 19.7	218	27	
4098	9	54 32.20	30 43 55.6	599	19	
4099	9½	54 33.38	64 22 37.4	216	28	
4100	9	54 36.73	37 56 1.7	615	3	
4101	9½	54 36.85	49 9 4.1	586	77	
4102	7½	54 37.39	37 42 44.4	535	207	
	7½	37.45	47.3	615	2	
4103	9	54 37.40	62 3 5.5	175	39	
4104	9½	54 37.52	44 10 11.5	537	147	
4105	8	54 38.50	26 56 36.5	590	16	
	8	38.68	34.3	561	251	
	8½	38.69	35.0	540	103	
4106	5	54 38.75	48 54 23.3	196†	68	
	5	38.78	22.7	586	76	
4107	9½	54 39.00	37 33 43.2	535	208	
4108	8½	54 39.31	27 45 54.5	540	100	
	8½	39.32	58.7	540	102	
4109	9½	54 39.52	73 53 5.7	580	75	
4110	8½	54 40.97	60 28 41.0	221	18	dpl. III. n. pr.
4111	9½	54 40.99	37 38 17.0	535	206	
4112	9	54 41.03	38 39 33.1	617	6	
4113	10½	54 41.61	48 53 53.3	196†	69	
4114	8	54 41.65	23 0 37.7	230	10	
	8½	41.71	37.5	122	242	
4115	7½	54 42.27	51 57 14.8	542	42	
4116	7½	54 42.89	39 4 51.0	617	7	
	7½	42.93	49.9	565	185	
4117	8½	54 43.44	60 30 14.6	221	19	
4118	9	54 44.30	50 22 45.6	548	50	
4119	8½	54 44.90	47 3 9.3	200	73	
4120	10	54 46.50	61 48 58.4	175	38	
4121	9½	54 46.97	25 48 6.1	225	8	
4122	8	54 48.46	60 15 40.6	179	34	
4123	9½	54 48.68	31 53 47.4	609	7	
	9½	48.76	52.1	602	25	
4124	8	54 49.92	30 4 16.4	593	8	
	8	50.31	17.2	595	67	
	7½	50.41	16.6	566	192	
4125	9	54 50.07	39 2 57.4	617	8	
4126	8½	54 51.66	41 15 19.1	162	112	
4127	8½	54 52.47	40 7 11.9	576	137	
4128	9½	54 52.92	41 14 2.6	162	113	
4129	9½	54 54.35	23 40 13.8	122	244	
4130	9½	54 55.34	30 26 19.6	599	21	
	9	55.83	23.1	566	194	
4131	10	54 55.53	63 40 23.8	181	27	
4132	9	54 55.85	46 5 17.3	172	156	
4133	9	54 56.52	44 50 46.9	584	136	
	9½	56.71	47.5	170	157	
4134	9½	54 56.63	26 56 50.3	590	17	
	9½	56.82	50.1	540	104	
4135	8	54 57.03	36 57 44.3	534	207	
4136	7½	54 57.52	30 2 2.2	593	9	
	7½	57.59	3.9	595	68	
	7½	57.76	1.4	538	213	
	7½	57.80	3.1	566	193	
4137	9	54 59.17	33 49 51.7	572	181	
4138	6½	55 0.06	51 6 37.7	542	46	
4139	8	55 0.46	43 18 29.3	537	149	
4140	9½	55 1.32	26 17 9.0	561	254	
4141	9½	55 1.70	30 20 3.4	599	24	
4142	9	7 55 2.77	31 57 30.4	602	26	
	9	2.79	26.2	609	6	
	9	3.09	25.1	570	206	
4143	6½	7 55 3.70	44 52 31.5	584	135	
	6½	3.93	32.1	170	156	
4144	6	55 3.72	38 57 16.7	576	139	
	6	3.79	18.9	617	9	
	6	3.83	15.5	565	186	
4145	9	55 4.03	35 4 59.4	532	197	
	9	4.11	59.6	572	183	
4146	8	55 4.38	29 10 19.8	201	59	dpl. III. pr.
	8½	4.41	18.0	538	211	
	8	4.41	20.0	593	10	
	8	4.53	20.3	207	102	
	8	4.54	19.6	204	99	
4147	9	55 5.27	25 2 39.7	603	11	
	9	5.28	41.3	149	186	
	9	5.40	39.8	133	226	
4148	8	55 5.63	47 20 33.9	200	74	
4149	7½	55 6.30	57 8 24.7	544	44	
4150	8	55 6.73	26 14 57.6	561	253	
4151	9½	55 8.18	26 9 33.1	561	255	
	9½	8.24	33.6	225	9	
	9½	8.43	32.4	590	19	
4152	8½	55 8.56	38 49 50.4	576	140	
	8½	8.58	50.7	617	10	
	9	8.63	50.2	565	187	
4153	9	55 8.95	63 50 13.5	756	25	
4154	8½	55 9.47	25 56 5.7	590	18	
	8½	9.50	3.4	149	185	
	8½	9.57	4.7	225	7	
	8½	9.67	4.6	561	252	
4155	9½	55 12.96	46 11 57.1	172	157	
4156	8	55 13.36	41 36 0.4	162	114	
4157	9½	55 13.43	28 39 26.6	201	60	
4158	9	55 14.95	29 9 23.3	593	11	
	9	15.04	22.0	204	100	
	9	15.10	23.6	207	103	
	9	15.13	21.7	538	212	
4159	9	55 15.24	32 57 1.6	609	9	
	9½	15.41	0.4	570	207	
4160	8	55 16.22	60 25 44.2	179	35	
4161	8	55 17.63	30 51 21.3	602	27	
	8	17.92	21.6	595	69	
4162	9½	55 18.30	30 25 57.8	599	23	
	9½	18.34	59.9	599	22	
4163	9	55 18.50	36 34 43.1	534	208	
4164	9	55 18.79	37 39 5.2	535	209	
4165	8½	55 18.89	35 9 26.7	572	182	
	8½	19.07	26.2	165	18	
	8½	19.08	25.3	612	5	
	8½	19.18	27.2	532	198	
4166	9	55 19.14	35 55 58.6	612	3	
4167	7½	55 20.01	48 2 7.3	200	75	
4168	8½	55 20.54	40 8 59.6	576	138	
4169	9	55 20.76	30 37 41.4	595	71	
	9	20.83	39.2	566	195	
4170	9	55 24.64	32 22 6.7	609	8	
4171	9	55 24.67	38 0 54.9	615	4	
4172	9	55 24.69	70 58 6.0	580	74	
4173	9	55 25.49	34 56 23.1	612	6	
	9	25.64	24.0	532	200	
4174	9	55 25.59	75 3 36.8	596	15	
4175	9½	55 26.39	23 45 25.4	122	243	
4176	8½	55 26.40	48 50 14.5	196†	71	
4177	8½	55 28.03	26 29 19.1	590	21	
4178	6	55 28.19	59 58 5.4	179	36	
4179	7½	55 29.72	54 13 38.6	215	44	
4180	9	55 29.82	43 27 18.6	537	150	
4181	9½	55 30.00	37 31 21.2	535	210	
4182	9½	55 30.33	46 0 52.7	172	159	
4183	9½	7 55 30.48	45 59 42.7	172	158	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
4184	9	7 55 31.60	42 57 52.7	167	133	
4185	9½	55 33.11	42 57 8.7	167	135	
4186	9	55 34.05	65 16 36.1	756	27	
4187	8	55 34.98	55 30 19.7	546	52	
	8½	35.06	19.3	546	50	
4188	7½	55 35.53	33 55 33.4	572	184	
	7½	35.58	32.4	165	19	
	7½	35.62	30.1	141	38	
4189	7½	55 36.03	35 38 56.1	612	4	
4190	6½	55 36.85	62 57 30.0	175	40	
	7	36.95	30.8	181	32	
4191	8½	55 37.42	48 59 7.5	196†	70	
	9	37.72	7.8	586	81	
4192	8½	55 37.73	47 58 40.5	200	78	
4193	9½	55 39.02	44 8 25.5	537	148	
4194	9½	55 39.04	29 8 29.1	204	101	
	9½	39.16	31.4	593	12	
4195	8½	55 40.42	36 23 20.9	534	209	
4196	7	55 40.56	49 38 8.4	586	78	s. pr.
	7	40.75	7.4	548	51	
4197	7½	55 41.76	60 35 13.3	221	20	
	8	41.78	13.2	175	43	
4198	7	55 41.86	49 37 55.8	586	79	n. sq.
	7	41.93	55.7	548	52	
4199	7½	55 42.07	33 46 50.6	141	37	
4200	9½	55 42.45	63 38 32.3	181	28	
	10	42.55	33.3	216	29	
	9½	42.67	32.6	181	29	
4201	8½	55 42.54	47 57 23.6	200	79	
4202	8	55 43.54	41 21 31.5	162	115	
4203	9	55 43.65	34 59 10.7	532	199	
	9	43.66	11.6	612	7	
4204	8½	55 43.71	38 31 56.8	565	188	
	8	43.89	57.1	617	12	
4205	9	55 44.16	26 52 58.5	540	105	
4206	8	55 44.65	43 4 55.0	167	134	
4207	8	55 44.76	30 43 53.8	595	70	
	8	44.97	52.8	566	196	
4208	9	55 45.44	37 30 8.7	535	211	
4209	8	55 46.19	48 46 43.6	196†	72	
4210	9	55 46.63	29 6 36.4	207	104	
	8½	46.65	37.2	538	214	
	9	46.68	37.9	204	102	
4211	9½	55 46.94	24 41 19.6	133	227	
	9½	47.06	19.3	603	14	
4212	9	55 47.74	26 21 1.2	561	256	
	9	47.74	1.6	590	20	
4213	7½	55 48.26	51 7 27.0	542	44	
4214	9	55 49.59	49 34 37.5	548	53	
	9½	49.64	37.4	586	80	
4215	9½	55 49.85	31 24 44.6	602	29	
4216	9	55 50.89	63 22 25.4	216	30	
	8½	51.03	24.3	181	30	
4217	9	55 52.07	31 12 2.7	602	31	
4218	9	55 52.11	54 41 50.6	215	45	
	9	52.16	50.9	546	51	
4219	9	55 52.45	33 49 55.5	141	39	
	8½	52.47	57.8	572	185	
4220	9	55 55.47	68 37 1.9	199	58	
4221	8½	55 55.54	40 15 42.6	578	125	
4222	7½	55 55.91	60 16 28.1	179	37	
4223	8½	55 56.40	30 54 52.0	602	28	
	8½	56.60	51.1	595	73	
	8½	56.62	52.2	566	198	
4224	9	55 56.61	51 48 35.9	542	47	
4225	8½	55 57.37	23 29 17.6	230	11	
	9	57.51	19.7	122	246	
4226	8½	7 55 57.76	47 58 38.1	200	76	
4227	7½	7 55 58.52	25 4 7.1	603	12	
	7½	58.61	9.3	225	10	
	8½	58.76	9.0	133	229	
	7½	58.80	10.3	149	187	
4228	9½	55 58.84	31 16 18.8	602	30	
4229	8½	55 59.42	51 49 2.3	542	46	
4230	8	56 0.05	47 56 13.0	200	77	
4231	8½	56 0.44	45 49 20.5	172	160	
4232	9½	56 1.52	59 5 46.5	218	30	
4233	8½	56 2.13	55 40 19.6	546	53	
4234	8	56 3.65	44 40 58.8	584	138	
4235	8½	56 3.68	38 39 20.7	617	13	
	8½	3.70	22.5	617	11	
4236	10	56 3.86	41 17 39.6	162	116	
4237	9	56 3.99	64 23 19.3	216	31	
	8½	4.00	17.8	756	26	
4238	8	56 4.01	54 12 21.1	215	46	
4239	7½	56 4.70	60 28 36.7	221	21	red
	8	4.92	34.6	179	39	
4240	8	56 4.86	32 1 2.0	570	209	
4241	9½	56 4.87	32 41 26.8	609	11	
	9	4.92	25.5	570	210	
	9	5.01	24.5	570	208	
4242	9	56 5.23	27 32 20.9	540	106	
4243	8	56 5.59	24 36 31.7	603	13	
	8½	5.79	31.5	133	228	
4244	9	56 6.79	26 43 2.9	561	258	
	8½	6.79	2.4	590	23	
4245	8	56 7.38	52 12 4.0	542	45	
4246	8	56 8.28	28 48 57.2	201	61	
	8	8.35	59.2	207	107	
4247	9	56 8.66	44 18 34.8	584	137	
4248	8	56 9.76	29 12 50.5	204	104	
	8½	9.77	50.3	593	13	
	8½	9.79	52.2	593	14	
	8½	9.82	49.6	207	105	
	8½	9.86	49.1	538	215	
4249	9	56 10.16	30 42 43.0	595	72	
	9	10.33	40.8	566	197	
4250	8	56 10.94	41 55 55.1	167	138	
4251	9½	56 11.64	26 15 18.0	561	257	
4252	9	56 12.00	46 17 9.0	172	161	
4253	9½	56 12.04	57 7 6.6	544	46	
4254	9½	56 12.24	41 19 0.2	162	117	
4255	9½	56 15.10	52 55 57.4	212	45	
4256	9	56 15.32	31 8 49.5	602	32	
	8½	15.50	51.5	595	74	
4257	9	56 16.31	22 52 52.9	122	245	
	8½	16.33	54.8	230	13	
	9	16.62	54.1	122	248	
4258	9	56 17.75	29 9 35.3	593	15	
	9½	17.80	36.0	204	103	
	9½	17.84	35.3	207	106	
	9	17.85	34.9	538	216	
4259	8	56 17.80	60 31 1.8	175	44	dpl. II. s.
	8½	17.81	0.7	221	22	
	8	17.83	1.2	179	38	
4260	9½	56 19.14	23 38 50.6	230	12	
	9½	19.15	52.2	122	247	
4261	8	56 19.26	36 26 18.2	534	210	dpl. II.
4262	9	56 19.33	36 54 47.3	535	212	
	9	19.37	50.1	615	6	
	9	19.45	47.8	534	211	
	9	20.—	49.9	615	5	
4263	9	56 19.52	46 10 28.0	172	162	
4264	9	56 19.66	27 22 58.7	540	109	
4265	7½	56 19.71	39 51 9.6	576	142	
4266	7½	7 56 20.58	45 27 6.0	170	160	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
4267	7	7 56 22.09	45 6 46.9	584	139	
	7	22.39	47.9	170	159	
4268	9	56 23.02	59 1 55.5	218	29	
4269	9½	56 23.76	49 26 10.6	548	54	
4270	8½	56 24.17	27 20 26.8	540	108	
4271	9½	56 24.82	27 46 34.3	201	62	
4272	10	56 24.88	42 34 3.6	167	136	
4273	9	56 24.95	69 18 47.2	199	59	
4274	9	56 25.53	26 34 41.6	590	22	
4275	8½	56 26.39	59 6 37.9	218	28	
4276	9½	56 26.40	32 37 0.4	609	10	
4277	8½	56 26.46	34 18 47.6	165	20	
4278	8	56 26.56	38 22 48.9	617	14	
	8	26.86	48.6	565	189	
4279	8	56 27.17	48 33 43.5	586	83	
	8	27.22	46.2	196†	74	
	8	27.32	44.9	618	1	
4280	9	56 27.27	42 4 14.8	167	139	
4281	9½	56 27.79	62 53 18.2	181	33	
	9½	27.85	18.9	175	41	
4282	9½	56 28.72	56 53 55.2	544	48	
4283	8	56 29.76	40 10 55.2	578	126	
4284	8½	56 31.15	27 19 54.4	540	107	
4285	9	56 31.50	24 48 11.2	603	15	
	9	31.82	13.9	133	231	
4286	10	56 33.93	64 25 19.3	216	32	
4287	9½	56 34.08	52 46 24.0	212	46	
4288	9½	56 35.13	76 16 45.1	194†	25	
	9½	35.29	45.6	194†	23	
	8½	35.39	43.7	596	16	
4289	9½	56 35.66	56 54 1.5	544	47	
4290	8	56 36.08	30 14 47.1	599	26	
	8	36.35	47.8	566	200	
4291	9	56 36.27	41 58 9.5	167	140	
	9	36.39	9.9	162	120	
4292	9	56 36.34	65 29 59.8	756	29	
4293	9	56 36.73	30 11 23.4	599	25	
4294	8½	56 36.91	40 13 33.2	578	127	
4295	6½	56 36.96	48 38 19.3	586	82	
	6½	36.98	20.9	196†	73	
	6½	37.12	20.2	618	2	
4296	8	56 37.05	30 16 30.4	599	27	
	8	37.24	31.3	566	201	
4297	9	56 37.46	40 9 15.9	578	128	
	8½	37.61	14.5	576	141	
4298	8	56 37.55	44 59 32.1	584	140	
	8½	37.82	31.6	170	158	
4299	8½	56 38.75	62 47 24.3	181	31	
	8½	39.01	22.0	175	42	
4300	7½	56 39.44	35 33 31.3	532	201	
4301	9½	56 39.58	41 28 34.1	162	118	
4302	9	56 39.93	34 0 61.0	572	187	
	9	40.22	57.1	141	40	
4303	7	56 40.63	65 34 7.2	756	28	
4304	9	56 41.42	44 11 44.2	537	152	
4305	9½	56 41.66	67 21 8.7	199	61	
4306	8½	56 41.78	48 34 27.0	196†	76	
	9	42.03	25.8	618	4	
4307	9	56 42.89	39 52 16.7	576	143	
4308	9	56 43.14	28 3 40.3	201	63	
4309	9	56 43.29	43 28 21.1	537	154	
	8½	43.29	19.9	537	151	
4310	8½	56 43.34	34 3 57.5	572	186	
	8½	43.45	54.9	141	41	
4311	8	56 44.79	42 42 53.8	167	137	
4312	6½	56 45.30	60 28 54.9	221	23	
	7	45.35	54.2	179	40	
	6½	45.69	55.6	175	45	
4313	9	7 56 46.09	34 14 12.3	572	189	
4314	9½	7 56 46.56	25 0 41.5	133	230	
4315	7½	56 47.00	26 52 6.1	575	2	dpl. II. s.pr.
	7½	47.15	6.8	590	24	
	7½	47.16	5.5	561	259	
4316	8	56 47.68	35 1 59.8	612	8	
	8	47.84	56.9	165	22	
4317	9	56 47.88	45 27 45.8	170	161	
4318	9	56 50.08	50 17 2.2	548	58	
4319	7	56 50.21	48 31 38.1	586	84	
	6½	50.25	38.6	196†	75	
	6½	50.31	39.0	618	3	
	6½	50.41	37.5	200	80	
4320	9	56 53.13	50 15 24.9	548	60	
4321	8½	56 53.38	29 16 29.9	593	16	
	8½	53.55	29.5	538	217	
4322	8	56 53.73	26 54 16.0	561	260	
	8½	53.82	16.9	590	25	
	8	53.97	17.4	575	1	
4323	8	56 54.05	41 24 46.7	162	119	
4324	8½	56 54.72	50 20 46.5	548	57	
4325	8	56 54.97	34 20 43.6	572	190	
	8	55.06	42.7	165	21	
4326	8½	56 57.19	26 7 8.1	225	11	
4327	8½	56 57.61	49 25 26.4	548	55	
4328	9½	56 58.09	38 22 32.7	617	15	
4329	8½	56 58.14	36 51 8.2	615	8	
	8½	58.23	6.2	535	213	
	8	58.30	4.6	534	213	
4330	9	56 58.53	44 6 45.8	537	153	
4331	9	56 59.08	50 14 24.6	548	59	
4332	9	56 59.57	26 2 18.8	225	12	
4333	9½	57 1.79	46 33 56.3	172	166	
4334	9	57 2.09	43 54 54.9	584	141	
4335	9	57 2.30	34 8 16.2	141	42	
4336	6½	57 3.08	36 56 15.1	535	214	
	6½	3.12	15.5	534	212	
	6½	3.18	17.2	615	7	
4337	9½	57 3.91	35 3 28.0	612	10	
4338	8½	57 4.25	32 49 52.3	609	12	
4339	8½	57 4.44	47 27 56.7	200	81	dpl. III.
4340	8½	57 4.58	25 43 5.0	149	188	
	8	4.69	3.8	225	13	
4341	8	57 4.80	30 47 19.7	595	75	
	8	5.03	20.4	566	199	
4342	9	57 4.81	34 8 19.2	572	188	
4343	9	57 4.89	32 57 11.8	609	13	
4344	9	57 7.15	50 20 31.8	548	61	
4345	9	57 9.46	46 8 59.5	172	163	
4346	8	57 9.61	71 39 4.5	580	79	
4347	9½	57 10.77	29 6 8.0	204	105	
4348	9½	57 11.52	25 37 22.7	225	14	
	9½	11.53	22.7	149	189	
4349	8½	57 11.79	46 8 44.7	172	164	
4350	9	57 11.98	46 29 16.2	172	165	
4351	9	57 12.85	64 40 10.7	216	33	
4352	8½	57 13.37	31 5 18.9	595	76	
	9	13.56	23.1	602	34	
4353	9	57 14.32	33 46 59.2	141	43	
4354	8½	57 15.56	28 49 41.8	204	106	
	8½	15.65	38.6	207	108	
4355	9½	57 15.72	60 28 19.4	221	24	
4356	8½	57 15.89	70 22 38.8	199	60	
4357	8	57 15.90	34 57 23.8	612	9	
	8	16.20	22.6	165	23	
4358	7½	57 16.29	54 52 18.6	546	54	
4359	9	57 16.65	52 0 30.6	212	47	
4360	9	57 17.29	27 56 30.5	201	64	
4361	8	7 57 18.33	24 41 15.2	603	16	
	8	18.48	15.9	133	232	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
4362	9½	7 57 18.70	74 47 28.3	580	77	
4363	9	57 19.05	67 20 0.0	199	62	
4364	8½	57 19.62	34 48 11.9	165	24	
4365	9	57 19.73	73 48 3.4	580	76	
4366	8½	57 19.82	50 8 34.3	548	62	
4367	10	57 20.45	28 44 42.4	207	109	
4368	9½	57 21.15	50 51 39.1	548	56	
4369	8½	57 22.85	38 7 53.3	535	215	
	8½	23.10	57.2	615	9	
4370	9	57 23.13	32 55 21.5	609	14	
4371	8½	57 25.11	47 7 36.8	200	82	
4372	8½	57 26.00	30 4 2.7	593	17	
	8½	26.16	4.6	599	28	
	8½	26.25	1.2	538	218	
4373	9	57 26.17	58 51 57.2	218	31	
4374	9	57 26.83	26 46 57.8	590	26	
4375	9½	57 27.12	23 22 17.9	230	14	
4376	10	57 27.26	63 17 41.0	181	34	
4377	8½	57 27.85	56 35 15.7	544	49	
4378	8½	57 27.92	27 11 50.8	575	4	s.pr.
4379	8	57 28.44	27 11 42.3	540	110	n.sq.
	8	28.58	46.5	575	3	
4380	7	57 28.12	59 51 47.8	179	43	
4381	9½	57 29.05	24 49 4.5	603	18	
4382	5½	57 29.24	60 14 35.4	221	25	red
	6	29.32	33.2	179	41	
4383	9½	57 29.25	40 8 30.1	578	129	
4384	10	57 29.38	28 47 11.8	207	110	
4385	7	57 30.60	36 42 11.2	534	214	
4386	9	57 32.63	56 47 53.1	544	50	
4387	9	57 32.73	49 31 31.3	618	6	
4388	9	57 32.80	29 51 52.8	599	29	
4389	9	57 32.80	27 11 25.6	540	111	
	9	33.09	26.8	575	5	
4390	8½	57 33.65	44 53 3.8	584	142	
4391	9	57 33.79	26 12 26.9	590	27	
4392	9	57 33.93	45 13 8.5	170	164	
4393	9	57 34.10	45 15 58.1	170	162	
4394	9½	57 35.14	31 9 58.1	602	35	
4395	9½	57 37.56	39 49 36.9	576	144	
4396	9½	57 38.68	24 48 44.0	603	17	
	9½	38.71	44.2	133	233	
4397	9	57 40.46	26 9 13.0	590	28	
4398	8½	57 40.89	46 57 12.6	172	169	
	8½	41.14	12.4	200	83	
4399	8½	57 44.05	28 53 46.1	204	107	
	8½	44.17	45.9	593	18	
	8½	44.25	46.0	207	111	
4400	8½	57 44.32	66 25 55.2	756	30	
4401	9½	57 44.45	79 50 15.2	194†	27	
	9	44.55	15.5	596	17	
	8½	44.70	13.8	194†	24	
4402	9½	57 45.28	38 8 7.3	535	216	
	9½	45.40	11.2	615	10	
	9½	45.54	8.9	617	17	
4403	8	57 45.38	49 16 26.8	618	5	
	7½	45.48	26.6	196†	78	
	8	45.52	26.4	586	85	
4404	6½	57 45.59	53 48 19.5	215	48	
4405	9½	57 45.74	26 56 27.3	540	113	
4406	9	57 46.80	49 27 39.5	618	7	
4407	8½	57 46.92	46 53 45.0	172	170	
	8½	47.36	46.5	200	84	
4408	8	57 47.42	48 34 0.1	196†	77	
4409	7½	57 48.31	36 29 18.4	534	215	
4410	7	57 49.16	44 15 6.6	584	143	
4411	9½	57 49.28	76 13 53.7	596	19	
4412	10	57 49.71	24 5 56.8	122	249	
4413	9	7 57 50.99	24 33 32.1	603	19	
	9	51.05	30.6	133	234	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
4414	8	7 57 51.04	60 24 6.6	179	42	
	8½	51.09	5.8	221	26	
	8½	51.19	4.6	175	46	
4415	8	57 51.20	24 15 13.8	603	20	
4416	7½	57 51.52	30 51 61.5	602	33	
	8	51.55	59.5	595	77	
4417	8½	57 53.49	55 23 8.4	546	55	
4418	9	57 54.38	41 32 52.0	162	122	
4419	9	57 55.97	38 49 17.4	576	145	
4420	9	57 56.17	41 36 34.0	162	123	
4421	9	57 56.41	46 29 49.0	172	167	
4422	9½	57 57.18	60 25 56.3	221	27	dpl. III. s.pr.
4423	9	57 57.82	27 5 40.1	575	6	
4424	9	57 58.37	38 12 30.4	617	18	
	9	58.50	32.3	615	11	
4425	7	57 59.46	36 3 8.7	612	11	
	7	59.59	9.7	534	216	
4426	9½	57 59.94	40 52 14.1	578	130	
4427	7½	58 0.17	51 5 32.5	542	48	
4428	9	58 1.25	23 21 47.1	230	15	
	9½	1.31	45.4	122	250	
4429	9	58 1.84	56 36 36.8	544	51	
4430	9½	58 2.79	39 10 55.1	617	16	
4431	8	58 3.09	32 48 14.0	609	15	
4432	9	58 4.47	29 5 0.4	593	19	
4433	8½	58 5.13	26 55 13.9	540	112	
	8	5.24	16.2	575	7	
	8	5.30	15.2	590	30	
4434	7½	58 5.54	34 11 49.8	572	192	
4435	7½	53 6.26	50 15 25.8	548	63	
4436	8	58 6.52	31 55 5.7	602	36	
4437	9	58 7.46	44 2 18.5	537	156	
4438	8	58 8.80	35 53 59.4	612	13	
	8	8.81	58.6	534	217	
4439	9	58 9.08	43 19 20.5	537	157	
	9	9.19	17.6	537	155	
4440	8	58 9.11	45 11 24.0	170	163	
4441	9	58 9.33	42 9 41.3	162	121	
4442	9½	58 10.91	33 59 31.7	572	194	
	10	10.96	27.0	141	45	
4443	6½	58 11.55	32 6 53.5	602	37	
	6½	11.86	49.7	609	16	
4444	9	58 12.20	34 11 59.4	572	191	
4445	9	58 13.43	32 7 12.8	609	17	
4446	9½	58 15.40	26 57 33.5	590	32	
4447	8½	58 15.53	41 25 17.1	584	144	
4448	8	58 15.89	35 52 12.3	612	12	
	8	15.91	13.6	534	218	
4449	9	58 16.34	53 7 26.5	215	47	
4450	10	58 16.53	28 5 41.4	204	108	
4451	8½	53 16.91	49 38 9.7	618	8	
4452	9	58 17.73	39 46 27.9	576	146	
4453	10	58 17.86	56 36 2.7	544	52	
4454	8½	58 17.96	42 59 40.3	537	159	
4455	8½	58 18.05	71 39 16.9	580	78	
4456	10	58 18.24	24 4 35.0	122	252	
4457	9	58 18.43	26 58 48.2	540	114	
	9	18.52	46.4	590	31	
	9	18.54	47.7	575	9	
4458	10	58 18.59	41 51 30.6	167	142	
4459	9	58 19.87	46 40 53.4	172	168	
4460	8	58 20.07	57 6 12.5	544	54	
4461	6½	58 20.81	54 10 3.6	215	49	
4462	8	58 22.27	54 10 41.5	215	50	
4463	9½	58 23.01	41 58 45.2	167	141	
4464	8	58 23.27	34 44 13.4	165	25	
4465	8½	58 23.29	67 20 16.8	199	63	
4466	8½	7 58 23.84	52 4 31.3	542	49	
	8	23.99	32.3	212	49	
	8	24.10	32.8	212	48	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
4467	8½	7 58 24.34	65 49 11.9	756	31
	8½	24.63	11.2	216	35
4468	7	58 24.99	44 19 3.9	584	145
4469	9½	58 25.35	26 55 47.2	575	8
4470	8½	58 25.51	34 1 31.4	572	193
	9	25.55	29.3	141	44
4471	8	58 25.78	30 22 55.0	599	30
	8	26.00	51.4	595	78
4472	9½	58 25.79	65 5 32.7	216	34
4473	9	58 25.85	26 7 35.8	590	29
4474	9	58 26.39	40 57 10.4	578	132
4475	6	58 26.91	40 57 40.4	162	125
	6½	27.14	36.7	578	131
4476	9	58 26.97	28 1 55.5	204	109
	8½	27.01	52.9	201	65
	8½	27.02	53.2	207	112
	8½	27.06	54.1	540	115
4477	8	58 28.64	59 18 44.4	179	44
4478	9	58 28.83	23 32 6.9	122	251
	8	28.92	8.8	230	16
	9	29.01	8.0	122	253
4479	9	58 29.27	25 8 28.5	225	17
4480	8½	58 29.32	25 40 19.6	149	191
	8	29.42	21.2	225	15
4481	9	58 29.65	25 33 40.7	149	190
	9	29.69	40.0	225	16
4482	10	58 30.37	63 8 31.4	181	36
4483	8	58 32.25	39 52 33.4	576	147
4484	9	58 33.96	32 3 14.4	602	38
4485	8	58 34.24	50 10 45.9	548	64
4486	7½	58 34.56	40 3 9.0	576	148
4487	8	58 35.01	45 59 42.0	172	172
4488	6½	58 36.64	55 6 23.2	546	56
4489	9	58 36.72	26 41 41.7	590	33
4490	8½	58 37.29	45 12 3.0	170	165
4491	8	58 38.73	29 4 4.2	593	20
	8½	38.76	4.1	201	66
4492	9	58 39.79	42 56 7.5	537	161
4493	9½	58 40.14	38 23 14.9	617	21
4494	9½	58 40.20	41 54 9.9	167	143
4495	9	58 41.12	42 39 58.1	167	146
4496	9	58 42.52	43 19 13.4	537	158
4497	8½	58 43.20	56 36 2.8	544	53
4498	5	58 45.03	63 13 14.6	181	35
4499	8½	58 45.79	46 28 20.3	172	171
4500	9½	58 47.46	41 54 9.5	167	144
4501	7½	58 48.78	40 46 33.2	578	133
4502	9	58 49.03	38 10 43.0	617	19
	9	49.20	44.9	615	12
4503	8	58 50.27	26 37 24.3	590	35
4504	8	58 53.55	38 17 15.8	617	20
4505	10	58 54.55	43 54 44.1	584	146
4506	9	58 55.57	40 41 32.4	578	134
4507	8	58 55.62	57 46 11.8	218	32
4508	9½	58 55.93	28 44 13.1	204	111
	9½	56.61	11.0	207	113
4509	9½	58 56.21	61 14 33.2	221	29
4510	9	58 56.73	26 39 28.4	590	34
4511	9	58 56.84	76 9 35.2	194†	26
	8½	57.12	33.8	596	18
4512	9	58 56.93	30 9 20.3	595	79
	9	56.93	22.9	599	31
4513	8½	58 57.26	60 35 8.3	221	28
	8½	57.44	6.3	175	47
4514	9	58 57.29	29 1 7.9	593	21
4515	7	58 58.80	54 18 54.1	215	51
	7	58.80	53.2	546	57
4516	8½	58 58.98	36 56 53.3	615	13
	9	59.07	50.5	534	220
4517	9	7 58 59.04	27 8 1.9	575	10
4518	7½	7 58 59.74	51 5 29.7	542	51
4519	9	59 0.50	42 58 51.1	537	160
4520	7½	59 0.59	28 49 15.3	593	22
	8	0.79	15.1	204	110
	8	0.85	15.6	207	114
4521	9	59 0.64	44 50 52.0	584	148
	9	0.83	51.9	170	167
4522	8½	59 1.67	61 10 33.5	175	48
	8½	1.90	34.0	221	30
4523	9	59 1.95	36 47 29.6	534	219
4524	9	59 6.06	64 29 44.5	216	36
4525	9	59 6.39	32 3 58.9	609	18
4526	8½	59 6.49	71 10 21.8	580	80
4527	9½	59 7.66	42 39 24.5	167	147
4528	7	59 8.01	49 36 4.6	196†	79
	8	8.02	5.7	586	86
	7	8.06	4.8	618	9
4529	9	59 8.15	43 7 55.0	167	148
4530	8½	59 8.25	64 56 59.1	756	32
4531	9	59 9.00	44 55 51.1	170	166
	8½	9.27	50.8	584	147
4532	8½	59 9.26	35 9 34.4	572	195
	8½	9.28	35.3	612	14
	8½	9.99	33.4	165	26
4533	9	59 10.99	27 30 56.2	540	116
4534	7½	59 12.84	55 15 16.1	546	58
4535	9	59 12.85	28 9 24.4	207	115
	8½	12.91	23.1	575	11
4536	7	59 12.97	47 58 26.4	200	85
4537	9	59 13.18	52 7 17.4	212	51
	9	13.29	17.3	542	52
4538	2	59 13.37	39 39 6.5	576	150
4539	9½	59 13.62	24 4 52.4	603	23
4540	8	59 14.06	50 16 11.4	548	65
4541	9	59 14.43	38 29 30.1	617	22
4542	9	59 14.64	28 3 42.9	207	116
	8½	14.84	40.6	575	12
4543	9	59 15.04	40 2 8.9	576	149
4544	8½	59 15.59	48 6 11.8	618	10
	8½	15.61	8.9	200	86
4545	7½	59 17.47	25 20 45.7	225	18
	7½	17.49	45.9	225	20
4546	8	59 19.18	24 0 39.8	230	18
	8	19.29	40.9	603	22
	8½	19.36	41.5	122	254
4547	7	59 19.24	42 35 46.2	167	145
4548	9½	59 19.41	41 24 16.7	162	126
	9	19.59	17.1	162	124
4549	8½	59 19.65	45 55 52.4	172	173
	8	19.99	54.2	170	168
4550	10	59 20.45	62 40 29.0	181	38
4551	7	59 20.54	55 11 25.9	546	59
4552	9½	59 21.12	68 48 19.6	199	65
4553	9	59 21.28	31 3 19.2	602	39
	9	21.32	14.0	595	80
	9	21.34	15.7	599	32
4554	8	59 23.04	61 31 45.1	175	49
4555	8½	59 23.86	26 17 2.7	590	37
4556	6	59 23.97	32 19 18.1	609	19
4557	9	59 24.42	24 10 55.5	603	21
	9	24.62	56.5	230	17
4558	8½	59 24.98	23 29 13.1	230	19
4559	8½	59 25.55	43 48 58.5	537	162
4560	8	59 26.27	36 12 52.1	534	222
4561	8½	59 26.42	48 17 36.5	196†	80
	8½	26.58	38.0	200	88
4562	9	59 29.29	30 58 10.6	599	33
	9	29.29	12.0	602	40
	9	29.56	7.3	595	81
4563	8	7 59 29.81	54 41 13.8	215	52

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
4564	8½	7 59 30.33	36 3 40.3	612	17
	8	30.46	39.7	534	221
4565	9	59 30.62	50 4 14.5	548	67
4566	9	59 31.41	60 10 9.3	179	47
	9	31.67	8.1	179	48
4567	8½	59 32.84	45 57 19.0	172	174
	8½	33.09	20.2	170	169
4568	8½	59 33.06	52 13 24.1	542	50
	8	33.26	24.7	212	50
4569	8½	59 33.36	38 3 42.0	615	14
	8½	33.50	41.6	617	23
4570	9½	59 34.27	28 3 26.8	207	117
	9	34.54	25.2	575	13
4571	8½	59 36.12	50 11 36.8	548	66
4572	9	59 36.29	32 12 59.0	609	20
4573	7½	59 37.22	29 36 42.7	593	25
4574	9½	59 39.75	28 33 32.7	204	113
4575	9	59 40.32	50 0 40.9	548	68
4576	8½	59 41.29	55 57 9.4	546	60
4577	9½	59 42.13	28 11 35.0	204	114
4578	9½	59 42.24	62 38 9.8	181	37
4579	9½	59 42.35	26 18 2.3	590	38
4580	8½	59 42.79	26 9 42.8	590	36
	8½	42.93	41.5	225	19
4581	9	59 44.15	48 18 12.6	196†	81
4582	9	7 59 44.40	22 52 27.3	230	20
4583	9	7 59 44.85	35 40 43.3	612	15
4584	9½	59 45.32	36 4 34.0	612	18
	9	45.45	33.4	534	223
4585	9½	59 45.99	29 5 43.0	204	112
	9½	46.09	44.8	593	23
4586	8½	59 47.72	49 58 59.6	548	69
4587	9	59 50.48	53 5 40.9	215	54
4588	9½	59 51.14	57 29 9.1	544	55
	9½	51.27	8.4	218	33
4589	9	59 52.12	48 4 4.7	618	11
	9	52.14	2.2	200	87
4590	9½	59 53.25	62 30 25.8	181	39
	8½	53.48	23.4	175	50
4591	7½	59 53.87	49 8 48.8	586	87
	7½	53.95	48.7	586	88
	7	54.05	48.5	196†	82
	7½	54.07	49.3	618	12
4592	9	59 54.45	45 56 10.0	172	175
4593	9	59 54.66	34 34 22.1	572	197
4594	8½	59 55.50	39 3 25.3	576	151
4595	8½	59 55.50	34 32 38.7	572	196
	8	55.78	37.8	165	27
4596	9	59 56.60	32 10 3.5	609	21
4597	9	59 56.88	36 25 31.0	534	225
4598	9	59 58.26	48 38 9.1	618	13
4599	8	7 59 58.79	29 35 30.5	593	24

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HORA VIII.

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1	8	8 0 0.27	50 5 30.8	548	70	dpl. II. n. sq.
2	9	0 0.48	24 48 12.1	603	24	
3	8	0 1.18	71 5 15.5	580	81	
4	8	0 2.78	59 32 54.3	179	46	
5	8½	0 3.99	53 39 31.2	215	53	
6	9	0 4.00	59 27 41.2	179	45	
7	9½	0 4.26	41 24 32.3	162	127	
8	9½	0 4.86	42 19 31.6	167	150	
9	9½	0 4.97	27 46 24.7	575	15	
10	9	0 5.33	29 42 56.1	593	26	
11	9½	0 5.47	38 15 24.4	617	25	
12	9½	0 7.43	38 16 35.8	617	24	
13	9	0 8.73	37 11 33.7	615	15	
14	8	0 9.60	26 24 22.3	590	39	
15	9	0 9.83	30 57 54.7	599	34	
16	7½	0 10.02	47 27 44.5	200	89	
17	8½	0 10.02	35 47 20.7	612	16	
18	8½	0 10.96	46 42 29.1	172	177	
19	9	0 12.07	33 12 29.5	141	46	
20	10	0 13.20	40 38 34.3	578	135	
21	9½	0 13.42	57 17 52.3	544	56	
22	9	0 13.64	26 19 47.0	590	40	
23	7	0 14.34	33 14 10.3	141	47	
24	9	0 14.88	64 57 55.5	756	33	
25	9	0 15.37	41 19 4.2	162	128	
26	8	0 15.74	33 57 34.8	141	48	
	8½	15.87	33.3	165	28	
27	8	0 15.95	24 51 60.5	603	25	
	8	16.05	58.7	225	22	
28	7½	0 17.68	43 52 58.8	537	163	
	7½	17.76	58.3	584	150	
29	9	0 17.77	56 15 20.9	544	58	
30	9½	0 17.78	44 39 26.5	584	149	
31	7	0 18.54	42 24 14.5	167	149	
32	9½	0 18.75	34 27 24.2	572	198	
33	8½	0 19.13	27 41 58.2	575	14	
	9	19.24	57.2	540	119	
	9½	19.27	57.9	540	117	
34	9	0 21.63	43 36 47.9	537	165	
35	9	0 22.75	55 45 22.1	546	61	
36	9½	0 22.75	31 17 45.4	602	42	
37	9½	0 23.33	63 9 28.6	181	41	
38	9	0 28.28	46 33 48.9	172	178	
39	9	0 28.66	25 24 30.9	225	21	
	9	28.71	31.0	225	23	
40	8½	0 29.60	47 39 13.9	200	90	
41	9	0 30.22	27 5 9.5	540	118	
42	9½	0 31.00	43 30 21.0	537	164	
43	10	0 31.06	41 53 54.7	162	131	
44	9½	0 31.15	41 52 28.7	162	130	
45	9	0 31.52	69 49 56.1	199	64	
46	9½	0 32.67	37 57 24.5	615	16	
47	8½	8 0 32.81	30 26 44.9	595	82	
48	8½	8 0 33.31	49 33 17.7	548	71	
	9	33.49	18.2	618	14	
49	8½	0 33.52	32 7 7.7	602	41	
	8½	33.71	5.7	609	22	
50	9	0 34.75	29 38 9.6	593	27	
51	9	0 36.40	41 45 18.0	162	129	
52	9½	0 36.88	63 18 17.6	181	40	
53	8½	0 37.15	30 0 15.9	595	83	
54	9	0 37.84	33 0 49.7	609	24	
55	8½	0 38.18	29 37 57.7	593	28	
56	8	0 38.51	45 47 47.1	172	176	
	8	38.59	47.8	170	170	
57	9	0 38.54	72 56 46.3	580	84	
58	9½	0 39.19	30 59 33.9	599	35	
59	8½	0 40.06	36 22 59.2	534	224	
60	10	0 40.83	28 0 6.6	204	115	
61	9	0 43.31	34 20 9.2	572	199	
62	9	0 43.59	59 1 46.9	218	34	
63	9	0 44.79	26 27 40.4	590	41	
64	9½	0 46.03	52 27 18.6	542	53	
65	8	0 46.96	38 41 52.4	617	27	
66	6½	0 47.02	72 53 43.6	580	82	
67	9½	0 47.71	42 19 34.6	167	151	
68	8½	0 50.67	38 25 14.6	617	26	
69	9½	0 51.42	36 8 54.8	612	19	
70	9½	0 53.18	27 56 7.5	207	118	
	9	53.35	7.8	575	17	
	10	53.35	6.5	204	116	
71	8½	0 54.13	36 39 46.6	534	226	
72	9	0 54.89	44 3 37.4	537	167	
73	6½	0 55.30	33 12 44.6	141	49	
74	8½	0 56.07	34 33 24.9	572	201	
75	8	0 56.16	32 58 35.0	609	23	
76	8½	0 56.57	57 10 2.5	544	57	
77	9	0 59.15	39 9 13.6	576	152	
78	9	0 59.25	54 20 29.5	546	62	
79	9½	0 59.67	33 12 44.7	141	50	
80	9½	1 0.67	61 42 17.5	221	33	
81	8	1 0.67	27 52 57.2	201	67	
	8½	0.69	56.4	204	117	
	8	0.73	55.8	207	119	
	8½	0.83	57.3	540	120	
	8	0.84	57.8	575	16	
82	8½	1 1.46	54 26 4.2	546	63	
83	9½	1 5.89	45 1 42.8	584	151	
84	8½	1 7.39	72 55 24.2	580	83	
85	9½	1 7.86	24 9 —	230	21	
86	9½	1 8.34	39 53 57.9	578	136	
87	10	1 9.01	48 17 57.8	196†	83	
88	9½	1 9.69	33 10 40.5	141	51	
89	8	1 10.05	50 20 21.2	548	72	
90	8	1 10.27	54 7 13.5	215	55	
91	8½	8 1 10.97	45 3 26.4	584	153	s. pr.

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
92	8	8 1 11.84	24 45 33.8	603	26	
93	8½	1 11.91	45 3 1.1	584	152	n.sq.
94	6½	1 12.08	50 14 2.5	548	73	
95	8½	1 12.51	43 58 18.4	537	166	
	8½	12.76	18.8	584	155	
96	8½	1 13.61	61 46 44.0	221	32	
97	9	1 14.29	42 11 26.4	162	132	
	8½	14.30	25.4	167	152	
98	8½	1 15.09	43 52 4.7	584	154	
	8½	15.12	5.2	537	168	
99	9½	1 16.00	56 15 28.1	544	59	
100	10	1 16.03	25 35 10.5	225	24	
101	9	1 16.38	32 12 13.0	609	25	
102	9½	1 16.80	29 33 45.0	593	29	
103	8½	1 18.11	34 23 48.9	572	200	
	8½	18.27	49.2	165	29	
104	8½	1 18.39	60 10 15.3	179	49	
105	9	1 19.92	61 33 13.8	221	34	
	9½	20.00	11.9	221	31	
106	9	1 20.41	36 1 49.9	534	229	
	9	20.43	49.6	612	22	
107	9	1 21.10	30 37 37.8	595	84	
108	9½	1 21.49	36 1 11.2	534	228	
	9½	21.66	11.3	612	21	
109	9½	1 22.17	75 17 40.9	596	20	
110	8½	1 22.20	46 41 18.6	172	180	
111	9½	1 22.30	40 13 31.2	578	137	
112	8	1 23.09	54 38 22.8	215	56	
	8	23.16	23.3	546	64	
113	9	1 26.58	45 55 31.2	170	173	
	9	26.72	30.0	170	171	
114	6	1 29.06	46 37 16.1	172	179	
115	9	1 29.37	43 49 28.4	537	169	
	9½	29.53	27.6	584	156	
116	8½	1 30.14	36 2 52.1	612	20	
	8	30.30	51.8	534	227	
117	7	1 30.99	65 39 44.1	756	35	
	8	31.36	45.4	216	37	
118	10	1 31.27	77 48 22.5	194†	28	
119	8½	1 32.46	38 47 23.4	617	28	
120	8½	1 32.79	30 27 7.8	595	85	
	9	32.89	6.0	599	36	
121	9	1 33.92	35 10 26.0	612	24	
122	8½	1 34.01	60 33 8.7	179	50	
	9	34.23	8.4	221	35	
123	9½	1 34.12	37 19 51.8	615	17	
124	9½	1 34.41	27 29 15.7	575	18	
125	9½	1 35.08	26 46 18.6	590	44	
126	8½	1 38.42	46 17 47.3	172	181	
127	9	1 39.36	40 6 26.0	578	138	
	9	39.59	27.0	576	153	
128	7½	1 40.22	26 45 14.0	590	43	
129	8½	1 40.77	69 40 29.2	199	68	
130	7½	1 41.02	48 26 57.7	618	15	
	7½	41.05	55.9	200	91	
	7½	41.08	57.7	196†	85	
131	9½	1 41.41	42 11 42.6	167	153	
	9½	41.51	43.2	162	133	
132	8½	1 41.64	65 29 6.2	756	34	
	9	41.72	6.3	216	38	
133	9	1 43.01	63 30 7.7	181	42	
134	9	1 43.58	26 44 19.3	590	42	
135	9½	1 44.21	33 13 48.2	141	52	
136	9½	1 44.60	48 24 13.9	196†	84	
	9½	44.79	14.8	618	16	
137	9	1 44.78	34 39 56.6	572	202	
138	9½	8 1 45.37	30 30 5.9	595	86	
	9	45.51	5.5	599	37	
139	8½	8 1 47.94	39 59 27.7	578	140	
	8½	48.03	28.7	576	154	
140	9	1 48.86	30 1 18.6	599	38	
141	6½	1 49.45	52 45 0.7	212	52	
142	9½	1 49.80	64 58 13.0	216	39	
143	7	1 50.01	38 32 22.1	617	29	
144	8	1 50.97	54 38 1.7	215	57	
	7½	50.98	2.2	546	66	
145	7½	1 51.59	39 44 27.2	576	155	
146	9½	1 51.85	39 45 52.6	576	157	
147	9½	1 51.88	58 54 6.9	218	35	
148	8½	1 52.01	45 38 16.0	170	172	
149	8	1 52.02	39 59 4.9	576	156	
	8	52.14	3.7	578	139	
150	9	1 52.14	57 39 25.6	544	62	
151	7½	1 53.18	29 1 48.1	207	120	
	7½	53.29	48.9	201	69	
152	9	1 53.38	27 56 51.9	204	118	
	9	53.38	54.6	204	121	
	9	53.65	54.0	207	121	
153	9½	1 54.06	49 1 21.8	196†	87	
	9	54.39	21.7	618	17	
154	9½	1 54.84	28 15 56.3	201	68	
	9	54.87	58.3	204	119	
155	9	1 55.22	43 23 51.8	537	170	
156	9	1 55.53	63 41 27.0	175	51	
157	8½	1 55.98	65 51 26.5	756	36	
158	9	2 0.13	29 32 7.0	593	30	
159	9	2 0.38	69 40 26.8	199	67	
160	9½	2 0.47	56 19 59.0	544	60	
161	9½	2 5.14	36 2 53.7	612	23	
	9½	5.38	56.6	534	230	
162	9	2 5.19	46 23 19.1	172	182	
163	9	2 6.47	26 1 28.1	590	47	
164	9	2 7.01	45 2 8.2	170	174	
165	10	2 7.25	54 37 22.3	546	67	
166	9	2 10.12	71 49 23.5	580	87	
167	9	2 10.21	25 24 59.6	225	26	
	9	10.32	58.7	225	25	
168	8	2 11.68	69 25 21.2	199	66	
169	9½	2 12.64	29 39 18.1	593	31	
170	3	2 13.28	23 56 41.2	603	27	
	3	13.29	40.1	230	22	
171	9	2 14.28	49 1 4.5	196†	86	
	9	14.53	5.8	618	18	
172	9½	2 14.87	37 1 55.5	534	232	
173	10	2 16.31	37 10 36.0	615	19	
174	9	2 16.37	66 15 3.5	756	38	
175	9	2 16.84	53 55 7.6	215	58	
176	10	2 17.93	63 20 37.3	216	41	
177	8½	2 17.98	57 25 23.7	544	63	
178	8½	2 20.72	37 10 19.4	615	18	
	9	20.83	20.1	534	233	
179	9	2 23.59	60 7 42.9	179	52	
180	9	2 24.64	42 20 24.8	167	157	
181	9	2 26.10	64 16 23.4	216	40	
182	8	2 26.39	58 0 3.1	218	37	
183	9	2 27.03	56 18 17.2	544	61	
184	8½	2 28.50	26 0 54.7	590	45	
185	8½	2 28.74	31 58 29.9	602	43	
186	9½	2 29.11	43 10 36.9	167	154	
187	9	2 29.62	43 14 22.9	537	173	
188	7½	2 29.63	36 1 25.9	612	25	
	8	29.68	28.1	534	231	
189	8½	2 29.87	24 9 —	230	23	
	9	30.29	37.0	603	28	
190	8½	2 30.19	66 28 58.9	756	39	
191	9	8 2 30.24	43 3 39.2	167	155	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
192	9	8 2 30.55	25 50 43.2	590	46	
193	8½	2 31.09	31 38 59.1	602	44	
194	8½	2 35.23	27 57 35.2	201	70	
	8	35.34	33.9	204	120	
	8	35.37	35.0	207	122	
	8½	35.38	33.0	540	121	
	8	35.40	35.8	204	122	
	8	35.45	33.8	575	19	
195	8½	2 35.66	43 26 56.1	537	172	
196	8	2 35.73	38 41 16.4	617	30	
197	9½	2 36.66	33 55 55.3	141	53	
	9½	36.72	59.2	572	203	
198	9	2 39.24	27 27 47.0	575	20	
199	5½	2 39.69	44 54 21.1	170	175	
	6	39.86	20.1	584	158	
200	9	2 40.09	31 49 18.4	609	26	
201	9½	2 40.22	63 9 22.0	181	43	
202	8½	2 41.11	43 31 52.1	537	171	
203	9	2 41.57	71 41 53.6	580	86	
204	9½	2 41.88	24 24 39.0	603	29	
205	9	2 42.80	40 33 29.5	578	141	
206	8	2 43.38	62 28 53.7	181	44	
207	9	2 45.52	36 3 48.1	612	26	
208	9	2 48.41	58 53 14.3	218	36	
209	7½	2 48.62	60 1 46.8	179	51	
210	9½	2 48.82	54 47 53.4	546	65	
211	8½	2 48.86	65 59 15.4	756	37	
212	9½	2 49.32	33 43 30.3	141	55	
213	8	2 51.25	45 28 24.5	170	176	
214	8	2 53.01	48 50 30.5	196†	88	
	8	53.05	30.8	618	19	
215	8	2 53.05	25 27 9.1	225	27	
216	9	2 55.07	32 43 46.2	609	28	
217	9	2 55.25	38 28 51.3	617	31	
218	6½	2 55.94	62 28 42.1	181	45	
219	9½	2 56.77	38 34 20.7	617	32	
220	6½	2 58.12	48 8 12.1	200	93	
	7	58.29	13.3	618	21	
221	9	2 59.28	32 9 14.2	609	27	
222	9	2 59.49	45 31 38.9	170	177	
223	9	2 59.54	39 8 39.5	576	158	
224	8	2 59.81	41 22 25.2	162	135	
225	9	3 1.14	31 44 30.9	602	45	
226	9	3 1.70	28 8 36.0	575	22	
	9	1.90	37.9	207	124	
227	8	3 1.71	47 11 56.2	200	92	
228	8½	3 2.11	44 14 36.6	584	157	
229	9	3 2.68	26 46 1.1	590	49	
230	8	3 2.70	37 4 25.8	615	21	
	8	2.74	24.8	534	234	
231	9½	3 4.36	48 41 28.8	196†	89	
232	9½	3 4.42	69 40 23.8	199	69	
233	10	3 5.55	46 14 54.1	172	183	
234	9	3 5.78	56 21 39.2	544	65	
235	9	3 6.46	41 22 25.7	162	134	
236	9½	3 6.62	46 55 44.5	172	185	
237	8½	3 7.70	30 26 25.9	599	39	
	8½	7.78	22.3	595	87	
238	9½	3 8.73	75 9 3.8	596	21	
239	9½	3 9.26	42 55 35.9	167	156	
240	9	3 9.43	25 37 43.6	225	28	
241	8	3 9.69	30 25 42.1	599	40	
	8½	9.71	41.9	595	88	
242	8	3 9.73	37 3 48.7	534	235	
	8	9.84	49.6	615	20	
243	9½	3 10.18	71 20 40.9	580	85	
244	8½	3 11.40	33 39 20.8	141	54	
245	8½	3 12.08	53 41 4.9	215	59	
246	9½	8 3 12.27	26 11 39.2	590	48	
247	10	8 3 14.97	24 59 5.5	603	30	
248	8½	3 15.49	73 51 16.8	580	89	
249	7½	3 16.24	34 50 52.0	572	204	
	7½	16.29	50.7	165	30	
	7½	16.42	51.8	612	28	
250	9½	3 16.96	33 4 41.6	141	56	
	9	16.99	40.0	609	31	
251	9½	3 17.88	57 53 38.2	218	38	
252	7½	3 18.07	47 25 56.5	200	96	
253	8½	3 18.73	46 16 44.0	172	184	
254	8	3 20.33	47 49 39.3	200	94	
255	8½	3 20.67	24 1 22.9	603	33	
	8½	20.71	23.8	230	24	
256	9½	3 23.26	29 30 50.6	593	32	dpl.
257	8½	3 23.51	32 58 37.3	609	30	
	8½	23.68	35.0	141	57	
258	9½	3 23.—	28 8 25.3	201	71	
	10	23.65	29.3	204	123	
	9½	23.82	27.5	207	123	
	9½	23.91	25.6	575	21	
259	9	3 24.46	32 45 45.5	609	29	
260	9½	3 24.70	42 18 25.9	167	158	
261	8½	3 24.83	30 42 56.6	599	41	
	8½	24.92	54.9	595	89	
262	8½	3 26.37	37 37 35.4	615	22	
263	9	3 26.38	24 10 10.7	603	31	
	9	26.51	11.2	230	25	
264	7½	3 26.72	41 26 58.2	162	136	
265	9	3 26.94	54 26 49.0	546	68	
	9½	27.21	46.9	215	60	
266	7	3 27.02	69 36 52.6	199	70	
267	8	3 29.01	36 3 19.6	612	27	
	8	29.03	21.6	534	237	
268	9½	3 29.61	34 15 12.2	572	206	
269	8½	3 32.01	44 47 6.4	584	159	
270	9½	3 32.45	24 10 51.2	603	32	
271	9	3 32.81	35 7 12.8	572	205	
	9½	33.02	13.1	612	29	
272	7½	3 32.84	51 26 49.1	542	54	
273	9½	3 34.21	60 41 55.3	221	36	
274	9½	3 36.02	42 58 46.6	167	159	
275	9	3 36.71	30 35 49.6	595	90	
	9½	36.77	50.3	599	42	
276	7	3 36.73	48 1 50.4	200	95	
277	7	3 37.70	51 34 40.7	542	55	
278	9½	3 41.02	42 53 48.4	167	160	
279	9½	3 41.50	34 17 13.8	572	207	
280	9	3 42.94	55 54 55.8	544	64	
281	9½	3 43.57	50 31 52.5	548	74	
282	9½	3 44.77	63 58 59.9	216	43	
283	8	3 45.32	66 50 59.7	756	40	
284	9½	3 49.13	25 55 22.8	590	50	
285	8	3 49.99	46 53 29.7	172	186	
286	8½	3 50.21	38 32 15.1	617	33	
287	10	3 50.35	38 33 57.1	617	34	
288	9	3 51.18	75 51 37.4	596	22	
289	8½	3 52.64	25 51 55.5	590	51	
	8½	52.86	54.6	225	29	
290	7½	3 54.16	48 54 26.5	196†	91	
	7½	54.16	25.2	618	20	
291	9	3 54.37	43 16 57.3	537	176	
	8½	54.54	56.7	537	174	
292	9	3 54.42	28 52 31.8	204	124	
293	8½	3 55.35	44 29 49.4	584	161	
294	10	3 56.11	59 7 44.7	218	39	
295	9	3 56.58	36 43 56.0	534	236	
296	9	3 57.79	43 44 2.2	537	175	
297	9	3 58.58	45 10 43.0	170	178	
298	9½	8 3 59.04	41 39 54.6	162	137	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
299	8½	8 3 59.33	46 43 4.1	172	188	
300	7	4 0.85	48 38 50.3	618	22	
	7	0.88	50.1	196†	90	
301	9	4 2.29	53 19 13.9	212	54	
302	9	4 2.41	59 47 37.1	179	53	
	9	2.46	38.0	179	54	
303	8	4 2.78	50 44 50.8	548	75	
304	7	4 2.89	37 19 1.3	615	23	
305	8½	4 3.61	44 41 36.4	584	160	
306	8	4 4.07	29 30 22.6	593	33	
307	7½	4 4.08	69 58 45.9	199	71	
308	8½	4 4.37	32 52 52.0	141	58	
	8½	4.53	53.6	609	32	
309	9	4 4.87	36 4 9.5	534	238	
310	7	4 5.03	29 57 25.5	593	34	
	7	5.08	25.8	599	44	
	7	5.12	25.3	595	91	
311	9½	4 5.27	31 9 27.3	602	46	
312	9	4 6.69	40 55 44.9	578	142	
313	9½	4 6.76	38 47 4.2	576	159	
314	7½	4 8.90	39 8 3.6	576	160	
	7½	8.95	5.1	617	35	
315	9	4 10.91	54 33 58.7	546	69	
	9	10.92	59.3	215	61	
316	9½	4 11.25	29 57 40.2	593	35	
317	8½	4 12.23	44 32 38.1	584	162	
318	7½	4 12.38	31 16 50.7	602	47	
319	9	4 13.55	41 33 4.3	162	138	
320	9½	4 13.68	25 33 20.9	225	30	
321	9	4 13.75	50 6 18.6	548	76	s. pr.
322	9½	4 15.88	56 20 37.9	544	66	
323	9	4 15.92	50 6 5.9	548	77	n. sq.
324	8½	4 16.00	61 10 28.2	175	53	
	9½	16.07	27.9	221	37	
325	8½	4 16.02	40 52 29.2	578	143	
	8½	16.15	31.4	162	140	
326	8½	4 16.04	46 53 14.3	172	187	
327	8	4 16.91	24 14 33.4	230	26	
	8½	17.09	32.0	603	34	
328	9½	4 19.87	63 32 25.1	181	46	
	8½	20.11	25.8	756	41	
329	8	4 21.00	27 5 5.7	575	23	
330	9½	4 21.38	56 20 56.8	544	69	
331	7½	4 22.81	79 16 53.6	194†	29	
	8	23.39	53.3	596	23	
332	9½	4 23.76	78 27 46.1	194†	31	
	9½	23.96	45.3	596	24	
333	9	4 24.44	43 53 52.9	537	179	
334	8	4 25.11	47 21 40.2	200	99	
	8	25.13	40.0	200	97	
335	9	4 25.15	45 25 49.6	170	179	
336	9½	4 25.41	41 41 26.6	162	139	
337	6½	4 26.74	35 5 21.7	572	209	
	6½	26.82	22.2	612	30	
	7	26.86	21.3	165	31	
338	9½	4 27.11	27 55 34.6	207	127	
	10	27.12	34.9	204	126	
339	8½	4 27.33	53 7 33.3	212	53	
340	8½	4 27.61	47 29 33.5	200	100	
341	9	4 28.94	27 4 21.8	575	24	
342	9	4 28.98	43 59 8.3	537	177	
343	8	4 29.26	56 17 4.9	544	67	
344	9	4 30.28	46 47 36.4	558	2	
	8½	30.46	33.9	172	189	
345	8½	4 30.49	35 55 7.6	534	239	
346	8½	4 30.58	30 43 8.8	599	43	
	8½	30.63	11.0	595	92	
347	8½	8 4 31.85	39 9 7.1	617	37	
	8½	31.90	6.6	576	162	
348	8½	8 4 32.59	24 9 8.1	603	35	
	8½	32.73	8.7	230	27	
349	9	4 32.71	26 31 42.6	590	54	
350	8½	4 33.96	47 19 5.0	200	101	
351	9	4 34.15	48 19 35.8	618	24	
352	9	4 34.19	51 18 5.0	542	56	
353	8½	4 34.62	54 57 46.8	546	72	
354	9½	4 34.82	36 49 42.4	534	240	
	9	34.89	43.5	615	27	
355	8	4 34.85	64 0 55.9	216	42	
	8	35.03	58.4	756	43	
356	7½	4 35.06	39 8 47.4	576	161	
	7½	35.19	48.9	617	36	
357	9	4 35.28	28 55 45.7	204	125	
	9	35.36	46.6	207	125	
	9	35.36	47.0	593	36	
358	8½	4 35.58	54 42 4.6	546	71	
	8½	35.63	2.8	215	62	
359	8½	4 35.98	25 28 53.7	225	31	
360	9½	4 36.16	26 8 50.4	590	52	
361	9½	4 36.35	28 3 34.5	204	127	
	9½	36.47	36.0	207	126	
362	8	4 36.51	37 25 56.0	615	24	
363	8½	4 36.75	51 22 24.5	542	57	
364	8	4 36.94	47 14 10.1	200	98	
365	9½	4 37.95	54 3 26.5	215	64	
366	8	4 38.55	54 27 41.1	546	70	
	8½	38.56	41.0	215	63	
367	9½	4 38.56	40 10 10.1	578	144	
368	9	4 38.81	44 4 9.4	537	178	
369	9½	4 39.41	60 56 50.6	175	52	
370	8½	4 39.64	64 42 25.7	756	44	
371	9½	4 39.93	39 8 1.2	617	38	
372	8½	4 40.09	45 2 62.0	584	165	
	9	40.33	59.9	170	182	
373	9½	4 41.00	43 1 47.8	167	161	
374	9	4 41.28	48 14 49.5	618	23	
375	9½	4 41.59	30 52 34.1	595	93	
376	9½	4 42.11	39 55 20.9	578	145	
	9½	42.18	21.3	576	164	
377	9½	4 42.37	34 16 8.7	572	208	
378	8½	4 42.63	45 1 56.2	584	166	
379	9½	4 43.06	36 51 35.8	615	26	
380	8½	4 43.15	34 42 45.7	572	210	
381	9	4 44.43	43 58 29.0	537	180	
382	8	4 44.44	50 0 16.3	548	78	
383	9½	4 44.74	52 26 14.4	212	56	
384	9	4 44.99	63 25 25.8	181	47	
	8½	45.15	24.8	756	42	
	9	45.30	27.6	216	44	
385	9	4 45.29	45 26 39.3	170	180	
386	8	4 46.32	44 22 40.0	584	164	
	8½	46.70	39.9	584	163	
387	9	4 46.72	23 7 47.7	230	28	
388	9½	4 48.00	42 25 7.3	167	162	
389	9½	4 48.88	63 32 41.7	216	45	
390	10	4 50.41	74 25 25.2	580	88	
391	9½	4 51.29	37 29 25.2	615	25	
392	9	4 52.45	73 46 14.3	580	90	
393	9½	4 52.77	26 56 14.4	575	26	
394	9	4 53.06	27 2 46.5	575	25	
395	9	4 55.34	45 36 26.6	170	181	
396	7½	4 56.35	63 9 15.8	181	48	
397	8	4 59.63	46 48 27.8	172	190	
	7½	59.68	28.9	558	1	
398	9	5 0.11	48 26 14.8	618	26	
399	8	5 0.11	59 4 23.2	218	40	
	8	0.12	25.1	179	55	
400	9½	8 5 1.93	30 48 28.5	595	94	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
401	9½	8 5 2.47	24 42 59.4	603	36	
402	9	5 3.83	34 45 17.4	572	211	
403	9½	5 6.37	32 15 14.0	609	35	
404	8½	5 7.75	26 9 53.7	225	32	
	8½	7.86	53.0	590	53	
405	8½	5 7.86	59 55 37.2	179	57	
406	8	5 8.59	59 59 4.0	179	56	
407	7½	5 9.47	52 15 9.5	212	55	
	7½	9.59	8.8	542	58	
408	9	5 9.56	48 51 44.4	196†	92	
409	8	5 10.82	56 14 59.7	544	68	
410	10	5 11.06	28 13 48.3	204	128	
411	8	5 11.88	35 35 15.1	612	31	
412	8½	5 12.13	61 0 6.3	175	54	
	10	12.22	4.6	221	38	
413	9	5 12.35	39 54 55.4	576	163	
	9	12.38	56.9	578	146	
414	9½	5 12.37	34 11 12.0	141	59	
415	9	5 12.73	34 8 21.0	141	60	
416	9	5 12.89	48 51 47.6	196†	93	
417	8	5 13.10	50 7 31.0	548	79	
418	8½	5 13.49	32 32 59.1	609	34	
419	9	5 13.71	61 13 38.6	175	55	
420	8½	5 14.06	27 24 8.6	575	27	
421	8½	5 15.05	26 31 57.9	590	55	
422	8½	5 18.24	47 16 13.5	200	102	
423	8½	5 18.35	46 37 50.7	172	191	
	9	18.50	52.8	558	3	
	8½	18.50	53.0	558	4	
424	9	5 18.78	23 1 12.9	230	29	
425	9	5 19.38	33 39 36.1	141	61	
426	9½	5 19.71	37 59 29.5	617	39	
427	8½	5 21.14	32 22 25.3	609	33	
428	8½	5 21.86	29 51 59.6	599	45	
	8½	21.89	60.4	595	96	
429	9	5 23.24	42 23 11.6	167	163	
430	9	5 23.70	29 4 50.2	593	37	
	9	23.79	50.2	207	129	
431	8½	5 25.33	36 10 7.2	227	1	
	9	25.54	4.8	612	32	
432	6	5 25.95	48 19 1.8	618	25	
	6	26.23	1.1	200	103	
433	9	5 28.25	26 36 59.9	590	57	
434	6	5 28.70	43 45 17.2	537	181	
435	9	5 29.63	28 23 49.4	207	128	
436	8½	5 31.37	69 30 7.4	199	72	s. pr.
437	8	5 31.45	40 54 29.4	578	148	
	8	31.64	28.4	162	141	
438	8½	5 31.49	69 30 0.5	199	73	n. sq.
439	8½	5 32.95	50 9 8.4	548	80	
440	7	5 33.41	42 16 21.4	167	164	pr.
441	9	5 33.56	30 32 20.0	599	46	
	9	33.60	19.6	595	95	
442	8	5 34.29	42 16 21.6	167	165	sq.
443	9½	5 35.00	36 56 1.4	534	241	
444	9	5 36.13	39 52 59.4	576	165	
	9	36.28	59.3	578	147	
445	9	5 36.65	27 29 32.0	575	28	
446	6½	5 38.23	46 58 38.4	558	5	
	6½	38.29	38.5	172	193	
	6	38.57	40.8	200	105	
447	9	5 38.42	52 31 0.2	212	57	
448	9½	5 39.48	54 57 48.6	546	74	
449	9½	5 39.59	42 6 5.1	162	142	
	9	39.82	5.7	167	166	
450	2	5 40.70	46 58 8.4	558	7	
	2	40.88	8.3	172	192	
	2	40.89	8.4	200	104	
451	9½	8 5 40.73	33 38 45.5	141	62	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
452	9	8 5 41.05	52 38 2.8	212	58	
453	9	5 41.28	44 58 50.4	170	183	
454	9½	5 41.63	29 7 26.4	593	38	
455	9	5 41.86	36 14 9.8	227	2	
456	7½	5 42.04	43 9 37.0	537	183	
457	8	5 42.36	35 51 48.6	612	33	
458	8	5 42.39	40 47 16.4	578	149	
459	8½	5 42.71	50 10 2.6	548	81	
460	9	5 43.01	48 48 44.3	196†	94	
461	9	5 43.64	36 48 41.6	615	28	
	8½	43.66	38.1	534	242	
462	8½	5 43.78	46 59 3.0	558	8	
	8½	44.02	1.8	172	194	
463	9	5 44.45	28 8 13.3	204	129	
	8½	44.57	14.5	575	29	
	9	44.71	14.6	207	130	
464	8½	5 44.68	43 20 46.1	537	184	
465	9	5 45.54	32 41 14.7	609	36	
466	9	5 45.66	26 39 18.9	590	56	
467	9	5 46.61	46 59 22.4	558	6	
	8½	46.65	22.0	200	106	
468	9	5 48.11	44 2 17.8	584	168	
469	8	5 48.59	50 38 42.2	548	82	} dpl.
470	9	5 48.89	50 38 59.0	548	83	
471	9	5 49.67	26 38 40.3	590	58	
472	10	5 51.12	31 35 10.0	602	48	
473	9	5 51.66	46 56 28.9	172	195	
474	8½	5 52.76	55 3 57.8	546	73	
475	9	5 53.65	32 14 4.2	609	37	dpl. II. n. pr.
476	8½	5 54.77	34 36 57.9	572	212	
477	8½	5 54.97	43 58 36.9	584	167	
478	9	5 55.45	26 37 23.8	590	59	
479	9	5 55.95	48 49 30.4	196†	95	
480	8	5 56.71	32 0 38.3	609	38	
481	9	5 56.74	34 21 26.6	572	215	
482	9	5 57.42	51 37 53.4	542	60	
483	9	5 57.68	26 30 53.1	590	60	
484	9	5 58.44	61 11 13.1	175	56	
485	10	5 58.90	24 49 34.4	603	37	
486	9	5 59.17	29 18 30.1	593	39	
487	8½	5 59.54	34 32 61.4	572	213	
	9	59.71	58.6	165	32	
488	9½	6 1.11	35 42 53.1	612	34	
489	9½	6 3.23	29 57 6.3	595	97	
490	9	6 3.75	36 23 22.1	534	243	
	9	3.93	20.9	227	3	
491	8½	6 4.12	60 42 33.2	221	39	dpl. III. pr.
492	9	6 4.55	61 59 22.1	181	49	
493	7	6 6.10	51 28 30.9	542	59	
494	9	6 6.53	43 40 56.6	537	182	
495	8½	6 7.21	39 17 44.5	576	166	
496	10	6 9.24	42 18 11.6	167	167	
497	9	6 9.93	31 40 5.1	602	49	
498	7½	6 11.32	52 12 20.2	542	61	
	7½	11.39	21.0	212	59	
499	9½	6 11.59	68 15 9.9	199	74	
500	9	6 11.88	59 46 13.7	179	58	
501	8½	6 13.19	47 26 55.9	200	107	
502	9½	6 14.50	39 7 55.3	576	168	
503	8	6 14.64	37 53 55.0	617	40	
504	8½	6 15.10	49 39 9.9	618	27	
505	8½	6 16.40	58 15 3.3	218	41	} dpl.
506	9½	6 17.03	58 14 26.3	218	42	
507	8½	6 17.89	36 51 3.3	534	244	
	8½	17.96	2.9	615	29	
508	8½	6 18.75	48 54 2.4	618	31	
	8½	18.76	2.3	196†	96	
509	10	6 19.43	33 46 40.0	141	63	
510	8½	8 6 20.28	34 31 3.6	572	214	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
511	8½	8 6 20.33	53 10 34.6	215	66	
	8½	20.36	34.6	215	65	
512	9½	6 20.60	60 26 8.0	221	40	
	9	20.93	8.1	179	61	
513	9	6 22.—	61 13 47.2	175	57	
514	7½	6 24.06	65 36 35.6	756	45	
515	7	6 24.58	36 55 18.6	615	31	
	7	24.75	18.7	534	245	
516	9	6 24.97	49 29 8.9	618	29	
517	10	6 25.34	24 22 18.1	603	38	
518	10	6 26.16	25 19 35.9	225	33	
519	7½	6 27.48	38 42 25.0	617	42	
520	9	6 27.57	48 54 25.8	618	30	
521	9½	6 28.17	35 26 22.7	612	36	
522	8½	6 29.69	38 41 36.8	617	43	
523	9	6 30.58	27 7 16.4	590	63	
	9	30.67	17.9	575	31	
524	7½	6 30.81	60 15 28.6	179	62	
525	9½	6 31.15	36 51 18.8	615	30	
526	9	6 33.54	49 38 41.7	618	28	
527	8	6 33.90	48 39 54.7	196†	98	
528	9	6 34.39	45 37 58.9	170	184	
529	9½	6 34.64	41 2 7.4	162	143	
530	7½	6 35.80	78 47 61.0	596	25	
	8	35.87	59.7	194†	30	
531	9½	6 36.54	37 55 15.2	617	41	
532	8½	6 36.58	47 41 45.1	200	109	
533	9½	6 37.09	24 13 44.9	603	39	
534	9	6 37.16	36 49 21.8	534	246	
535	9	6 38.36	26 44 4.4	590	61	
536	9	6 38.63	42 25 43.6	167	168	
537	6	6 39.03	55 43 1.7	546	76	
538	8	6 39.19	27 9 6.5	575	30	
	8	39.38	5.5	590	62	
539	7	6 39.93	48 51 59.7	196†	97	
	7½	39.98	61.9	618	33	
540	8½	6 40.03	37 17 41.0	615	35	
541	8½	6 40.18	64 27 19.9	216	49	
	8	40.31	20.5	756	46	
542	9	6 40.53	33 47 3.1	141	64	
543	9	6 42.19	39 4 17.4	576	167	
544	7½	6 42.58	36 25 44.4	227	4	
545	8½	6 42.91	37 4 22.7	534	250	
	8½	42.99	21.9	615	33	
546	9	6 43.67	29 32 52.1	593	40	
547	8½	6 44.—	61 12 2.4	175	58	
548	7	6 44.55	40 23 14.7	578	150	
549	8	6 45.72	48 47 36.3	196†	99	
	8½	45.93	37.0	618	32	
	8½	45.99	37.7	618	34	
550	9½	6 46.41	36 23 5.1	227	5	
551	6½	6 46.52	63 25 56.6	181	50	
	6½	46.66	60.4	216	46	
	6½	46.85	59.3	756	47	
552	8½	6 47.28	35 2 36.7	572	216	
553	9	6 49.85	29 57 4.5	599	48	
	9	50.04	7.7	595	98	
554	9½	6 49.79	28 47 45.4	204	130	
	9	49.95	48.5	207	131	
555	9½	6 49.93	35 25 55.9	612	35	
556	9	6 51.84	56 8 5.4	546	75	
557	8½	6 52.43	29 50 22.2	599	47	
558	9	6 52.87	43 56 45.1	537	185	
	9	52.97	45.3	584	169	
559	5	6 53.64	39 14 47.5	576	169	red
560	9	6 54.41	34 54 38.5	572	217	
561	8½	6 54.74	57 36 58.0	544	70	
	9	54.81	58.7	218	43	
562	9½	6 55.11	33 47 48.9	141	65	
563	9½	8 6 55.50	57 1 13.8	544	71	
564	5½	8 6 55.92	60 55 20.7	221	41	
565	8½	6 56.15	28 37 44.7	204	132	
	8	56.28	43.0	207	132	
566	9	6 56.37	23 48 6.6	230	31	
567	9½	6 58.08	42 10 50.4	162	144	
568	9½	6 58.69	31 32 1.8	602	50	
569	9	6 58.82	36 50 26.3	534	248	
570	8½	6 58.92	59 46 11.0	179	63	
	8½	59.21	10.2	179	59	
571	9	6 59.04	46 32 35.1	558	9	
572	8½	6 59.58	45 28 44.0	170	185	
573	8	6 59.75	47 19 37.5	200	108	
574	8	7 0.39	37 0 27.9	534	249	
	8	0.56	27.9	615	32	
575	9	7 3.07	28 51 18.0	593	41	
	9	3.17	17.2	207	133	
	9	3.19	16.1	204	131	
576	9	7 3.10	71 26 56.4	580	91	
577	9	7 3.24	28 12 10.1	204	133	
578	9	7 3.37	26 53 24.5	590	64	
	9½	3.46	27.0	575	32	
579	9	7 5.07	39 0 4.6	576	170	
580	8½	7 5.17	36 48 44.6	534	247	
581	7	7 5.66	59 10 19.6	218	44	
582	8½	7 6.88	45 28 49.1	170	186	
583	9½	7 7.87	27 54 52.1	204	135	
	9	7.99	52.3	575	33	
584	9½	7 8.05	41 32 14.6	162	145	
585	9	7 10.—	61 12 47.7	175	59	
586	8½	7 10.06	44 47 33.1	584	172	
587	6½	7 10.16	35 23 58.9	612	37	
588	9	7 10.46	32 1 44.4	602	51	
	9	10.49	42.2	609	39	
589	9½	7 10.76	42 36 43.3	167	170	
590	9	7 12.16	42 44 38.6	167	171	
591	5	7 12.72	42 36 54.2	167	169	
592	8½	7 13.05	59 51 1.7	179	64	
	8½	13.15	0.8	179	60	
593	8	7 14.36	48 7 44.0	200	111	
594	9½	7 14.55	44 23 5.5	584	170	
595	8½	7 15.22	37 12 5.8	615	37	
	8½	15.23	7.4	615	34	
596	9	7 15.43	37 33 56.4	615	36	
597	9	7 15.58	32 11 41.1	609	40	
598	9	7 17.09	28 1 23.2	575	34	
	9	17.12	24.1	204	134	
599	10	7 17.70	45 27 2.4	170	188	
600	9	7 18.06	50 21 56.8	548	84	
601	9	7 18.62	52 31 48.9	212	60	
	9	18.81	51.5	542	62	
602	8	7 18.74	48 54 46.4	196†	100	
	8½	18.83	45.6	618	35	
603	9½	7 19.27	41 1 28.5	578	151	
604	7	7 19.33	45 26 45.6	170	187	
605	9	7 19.62	24 6 56.5	603	40	
	9	19.64	54.3	230	30	
606	8½	7 21.44	38 35 41.8	617	45	
607	9½	7 21.72	68 19 27.9	199	78	
608	9½	7 22.01	30 41 46.9	599	51	
609	9	7 23.06	37 9 13.6	615	38	
610	9	7 23.64	46 50 56.5	172	196	
	9	24.08	56.3	558	10	
611	8	7 23.69	50 49 5.8	548	85	
	8	23.71	6.3	542	64	
612	9½	7 24.22	34 51 26.3	612	39	
	9	24.31	27.8	572	219	
613	7½	7 24.98	35 21 34.5	612	38	
614	6½	7 25.46	48 5 23.6	618	36	
	6½	25.52	23.0	200	110	
615	9	8 7 25.61	28 38 16.9	207	135	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
616	8	8 7 25.87	68 31 54.3	199	79	
	8	25.90	53.1	199	75	
617	9½	7 28.50	30 41 40.9	599	52	
618	9½	7 29.19	59 3 53.2	218	45	
619	8½	7 30.45	34 48 59.6	572	218	
620	9	7 30.80	38 46 19.3	617	44	
621	4½	7 30.89	68 14 58.2	199	76	s. pr.
622	9	7 30.97	37 17 21.1	615	39	
623	9	7 31.65	68 14 52.6	199	77	n. sq.
624	8½	7 33.04	52 24 44.8	212	61	
	8½	33.23	45.2	542	63	
625	9½	7 33.20	34 6 46.7	141	66	
626	8½	7 33.34	23 48 51.8	230	32	
627	8½	7 35.43	40 6 38.8	576	172	
	8½	35.66	38.0	578	154	
628	9	7 35.70	28 50 45.8	593	42	
	9	35.71	42.4	207	134	
629	7	7 35.85	41 24 53.1	162	146	
630	8	7 36.02	45 51 35.8	172	198	
631	9	7 36.10	43 39 46.2	537	186	
632	9½	7 36.41	43 42 47.7	537	187	
633	9	7 36.88	34 41 25.8	572	221	
634	9	7 39.01	37 9 19.7	534	251	
635	9	7 39.54	43 52 0.3	537	188	
	9	39.81	1.1	584	174	
636	9	7 40.90	29 54 42.2	599	49	
	9	41.18	41.3	595	99	
637	9	7 41.57	30 42 11.2	599	50	
	9	41.65	11.0	595	100	
638	7	7 42.46	29 32 13.0	593	43	
639	8	7 43.73	36 34 10.4	227	6	
	8	43.75	11.7	534	253	
640	8½	7 44.21	49 39 40.6	548	86	
	9	44.27	42.3	618	37	
	9	44.34	42.7	196†	101	
641	9	7 44.82	44 47 57.9	584	171	
642	7½	7 45.93	64 24 22.3	216	48	
	7½	46.23	22.1	756	48	
643	9	7 47.44	63 57 24.3	216	47	
644	7	7 48.65	36 36 53.6	534	252	
	7	48.78	51.8	227	7	
645	9	7 48.74	25 21 26.1	225	34	
646	8	7 49.88	23 35 40.9	230	36	
647	9	7 49.96	39 55 4.6	576	171	
648	8½	7 53.19	40 7 57.3	578	152	
	8½	53.25	56.5	576	174	
649	9	7 54.31	23 47 4.5	230	34	
650	9½	7 54.72	56 59 18.4	544	72	
651	8½	7 54.92	44 5 19.1	537	189	
652	7½	7 55.40	23 54 59.3	603	41	
	7½	55.48	58.9	230	33	
653	9	7 57.77	29 9 44.8	593	44	
654	8½	8 1.72	54 32 53.3	546	77	
	9½	1.92	53.6	215	67	
655	9	8 2.12	27 8 53.7	590	65	
656	7½	8 2.87	49 41 39.6	548	87	
	7½	2.92	40.3	196†	102	
657	8	8 3.60	48 2 4.1	200	112	
658	8	8 3.84	27 27 55.3	575	35	
659	8	8 3.92	45 37 12.5	170	190	
660	9	8 3.92	24 31 7.1	603	42	
661	6	8 4.12	46 16 11.2	172	197	
662	9	8 5.44	45 50 8.0	170	193	
663	9½	8 5.48	76 20 8.6	194†	32	
664	9	8 7.22	79 19 12.8	596	26	
665	8	8 8.20	35 27 4.6	612	43	
666	7½	8 8.91	23 34 39.1	230	35	
667	8½	8 9.47	36 40 28.8	227	8	
	8½	9.61	30.7	534	254	
668	8½	8 8 9.63	34 46 29.2	572	220	
669	9	8 8 10.43	35 1 6.8	612	40	
	9	10.46	7.3	165	34	
	8½	10.57	8.2	572	223	
670	9	8 11.23	45 28 41.9	170	189	
671	9½	8 11.67	24 22 59.8	603	43	
672	9½	8 11.70	33 39 46.7	141	69	
673	9½	8 12.51	26 57 20.0	590	67	
674	9½	8 14.34	23 32 40.1	230	37	
675	9	8 14.96	37 20 36.5	615	40	
676	9	8 16.01	40 6 46.3	576	173	
	9	16.02	47.8	578	155	
	9	16.09	46.4	576	175	
677	9½	8 16.46	33 42 55.2	141	70	
678	9	8 16.47	36 47 31.2	227	10	
	9	16.52	29.8	534	256	
679	7½	8 16.48	34 12 7.2	141	67	
	8	16.56	7.8	165	33	
680	7	8 16.77	37 32 58.2	615	42	
681	9	8 17.—	61 28 22.3	175	60	
	9	17.—	22.9	175	61	
682	9	8 17.99	40 4 41.8	576	177	
	9	18.16	41.4	578	153	
683	7½	8 18.70	31 46 49.9	602	52	
684	9	8 19.22	50 50 6.5	542	65	
685	9	8 20.70	33 56 37.6	141	68	
686	8½	8 21.69	71 21 6.2	580	92	
687	9	8 25.23	55 48 40.4	546	80	
688	9	8 25.82	32 35 33.0	609	43	
689	9	8 26.51	37 23 46.1	615	43	
690	9½	8 27.51	45 44 2.7	170	191	
691	9	8 28.11	32 7 21.4	609	41	
692	9	8 28.77	57 22 40.3	544	73	
693	9½	8 29.46	41 32 2.1	162	147	
694	9½	8 29.72	42 43 48.4	167	172	
695	8½	8 29.76	44 41 8.3	584	173	
696	9½	8 30.14	40 9 28.3	576	176	
	9½	30.21	29.0	578	156	
697	9	8 32.25	44 1 0.0	537	190	
	9	32.45	2.2	584	175	
698	8	8 32.52	51 35 14.0	542	66	
699	6½	8 32.82	45 53 19.7	172	199	
	6½	33.09	19.1	170	192	
700	9	8 33.41	43 57 58.2	537	191	
	9½	33.58	58.3	584	176	
701	9½	8 33.69	65 6 52.8	216	50	
702	9½	8 33.77	53 30 54.8	212	62	
703	8	8 33.77	27 9 8.6	590	66	
704	8½	8 34.67	37 26 26.3	615	41	
705	8½	8 34.72	49 27 13.0	548	89	
	8½	34.76	14.3	196†	104	
	8½	34.89	15.4	618	39	
706	9	8 35.45	29 26 41.4	593	45	
	9	35.46	44.7	593	47	
707	8½	8 36.50	49 29 33.7	196†	103	
	9	36.70	34.7	618	38	
	9	36.84	33.8	548	88	
708	8	8 37.13	68 37 16.0	199	80	
709	9	8 37.52	47 10 47.0	200	113	
	9	37.57	46.7	558	11	
710	8½	8 38.93	34 59 34.2	612	41	
	8½	38.97	34.5	572	222	
	9	39.18	30.3	165	35	
711	9	8 39.14	36 45 39.0	534	255	
	9	39.20	40.9	227	9	
	9½	39.31	41.2	227	11	
712	8	8 39.60	32 55 17.9	609	42	
713	7	8 39.84	31 21 49.5	602	53	
714	9	8 40.65	55 59 9.3	546	78	
	8½	40.71	11.2	544	74	
715	8	8 8 41.28	35 56 2.7	534	258	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
716	8½	8 8 42.37	41 26 33.9	162	148	
717	8½	8 44.60	49 53 48.3	548	91	
718	9½	8 44.80	47 9 33.8	558	12	
719	9	8 45.32	31 10 20.8	602	55	
	9	45.42	17.4	595	101	
	9	45.53	18.4	599	53	
720	9	8 46.29	53 24 46.0	215	68	
	9	46.30	44.4	212	63	
721	5½	8 46.46	35 31 19.8	612	42	
722	9	8 47.35	38 40 53.6	617	46	
723	9	8 47.43	28 31 22.1	204	136	
	9	47.55	19.5	207	136	
724	9	8 47.76	25 20 2.2	225	35	
725	8	8 49.07	38 3 40.2	617	49	
726	7½	8 49.08	33 11 33.0	141	71	
727	9	8 51.72	27 22 8.1	575	36	
728	9	8 52.71	23 11 37.7	230	38	
729	8	8 53.79	24 33 11.8	603	44	
730	9	8 54.41	31 11 14.4	602	54	
731	8½	8 56.56	62 31 38.5	181	52	
732	8½	8 58.02	38 40 20.6	617	47	
733	9½	8 58.42	40 52 54.9	578	158	
734	9	8 59.71	63 40 25.4	181	51	
735	8	9 0.97	41 2 13.0	578	157	
	9	1.17	13.5	162	149	
736	9½	9 1.22	49 46 47.5	548	93	
737	9	9 2.18	56 3 12.3	544	75	
	9	2.23	10.0	546	79	
738	8½	9 3.76	28 39 38.6	204	138	
	8½	3.80	36.7	207	137	
	8½	3.84	37.1	204	137	
739	9½	9 3.90	38 37 8.1	617	48	
740	7½	9 5.00	34 49 46.8	165	36	
	7½	5.05	48.8	572	224	
741	9	9 5.46	42 19 24.3	167	175	
742	9	9 6.24	46 2 46.0	172	200	
	9	6.34	46.1	170	194	
743	9	9 7.36	55 4 46.6	546	82	
744	8	9 7.84	58 52 32.2	218	46	
745	9	9 10.22	42 45 34.4	537	192	
	9½	10.28	35.3	167	174	
746	8½	9 10.49	37 20 49.6	615	44	
747	9	9 13.47	42 34 4.1	167	173	
748	6½	9 14.47	31 45 46.2	602	56	
749	9	9 14.99	49 25 53.0	548	90	
	9	15.00	55.2	196†	105	
	9	15.14	54.5	618	40	
750	6	9 16.77	35 56 38.8	534	257	
751	9½	9 16.87	51 53 12.4	212	64	
	9½	17.02	10.2	542	67	
752	6	9 16.93	35 56 39.0	612	45	
753	7	9 17.05	35 57 44.3	612	44	
	7	17.19	47.8	534	260	
754	9½	9 18.25	35 7 34.9	572	226	
755	8½	9 19.00	49 51 42.0	548	92	
756	8½	9 19.13	54 58 35.6	546	81	
757	8½	9 19.50	27 2 15.6	575	38	
	8½	19.58	17.9	590	68	
758	8½	9 19.57	37 18 3.2	615	45	
759	9	9 19.65	29 25 43.3	593	46	
760	7½	9 19.91	59 42 6.0	179	65	
761	7½	9 22.15	53 46 15.5	215	69	
762	8½	9 23.03	27 23 0.0	575	37	
763	8	9 23.71	25 37 13.8	225	36	
764	9½	9 23.72	41 12 16.6	162	150	
765	10	9 24.22	65 38 38.6	216	51	
766	10	9 24.42	78 7 44.4	194†	33	
767	8	8 9 24.45	36 2 50.2	534	259	
	8	24.55	50.0	612	47	
768	7½	8 9 24.62	36 34 25.9	227	12	
769	9	9 25.83	44 53 27.1	534	178	
770	9½	9 26.41	41 5 14.3	162	152	
771	9½	9 26.65	32 50 43.5	609	45	
772	9	9 27.55	35 55 47.0	534	261	
	9	27.70	46.8	612	46	
773	9	9 27.85	73 6 36.8	580	95	
774	6½	9 28.83	35 6 42.3	572	225	
	6½	28.94	40.2	165	37	
775	10	9 31.38	32 55 39.1	141	72	
	9½	31.38	38.9	609	44	
776	9½	9 32.37	40 54 39.3	578	159	
777	9½	9 34.18	27 6 7.9	575	39	
778	9½	9 34.98	28 47 14.6	204	140	
	9½	35.06	14.4	207	138	
779	9	9 35.28	45 5 7.9	584	177	
780	7	9 35.55	71 20 57.8	580	93	
781	9	9 35.99	45 34 56.2	170	196	dpl. III. s. pr.
782	5	9 36.76	39 57 60.1	578	160	
	5	36.85	59.1	576	178	
783	9½	9 37.52	36 6 19.0	612	48	
784	9	9 38.63	48 4 1.6	618	41	
	8½	38.87	0.0	200	114	
785	9½	9 39.11	58 11 25.6	218	47	
786	9	9 40.43	46 36 13.4	172	203	red
	9	40.70	13.5	558	13	
	9	40.72	16.1	233	2	
787	9	9 40.86	41 13 36.0	162	151	
788	9	9 40.96	26 2 56.4	225	38	
	9	41.01	55.5	590	69	
789	9	9 41.42	64 7 53.6	756	49	dpl. III. s. sq.
790	8½	9 41.63	25 44 2.3	225	39	
	9	41.65	3.6	225	37	
791	5½	9 41.64	46 36 49.0	233	1	
	5½	41.72	47.6	172	201	
	6	41.82	47.7	558	14	
792	9	9 43.31	43 14 27.1	537	193	
793	9½	9 43.74	30 39 28.7	599	56	
794	9	9 48.21	30 32 20.0	599	54	
795	7½	9 49.01	46 11 58.0	170	195	
796	9	9 49.45	49 57 34.9	548	95	
797	9½	9 50.13	59 56 19.6	179	67	
798	7½	9 50.91	51 51 29.6	542	68	
	7½	51.07	29.1	212	65	
799	9	9 52.09	37 29 0.0	615	48	
800	9	9 52.15	26 45 15.8	590	70	
801	9	9 52.55	46 33 37.9	172	202	
	9	52.72	37.1	233	3	
	9	52.76	36.5	558	16	
802	10	9 53.12	56 17 40.8	544	76	
803	7½	9 53.88	59 39 45.2	179	66	
804	9	9 54.13	28 41 15.5	204	139	
	9	54.20	15.1	207	139	
805	9½	9 54.64	62 6 24.2	175	62	
806	9	9 56.06	42 12 50.0	167	176	
807	8	9 56.75	38 7 47.8	615	46	
	8	56.92	46.6	617	50	
808	6	9 56.98	49 49 2.8	548	94	
809	7½	9 58.00	44 11 51.3	537	195	
	7	58.25	50.2	584	182	
810	8½	9 58.25	30 2 20.2	593	51	
	8½	58.38	19.2	593	48	
811	9	9 58.89	28 51 39.8	204	141	
	9½	58.97	39.0	207	140	
812	8½	9 59.25	46 49 58.0	200	115	
813	8½	9 59.64	36 27 10.3	227	13	
814	8½	9 59.64	30 28 37.1	599	55	
815	8	10 1.12	23 15 23.3	230	39	
816	9	8 10 1.19	24 35 44.1	603	45	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
817	8½	8 10 2.00	40 7 36.9	578	161	
	8½	2.01	36.1	576	179	
818	9½	10 4.15	40 10 17.4	576	180	
819	9½	10 4.81	32 59 21.1	609	46	
820	10	10 4.83	58 36 53.0	218	48	
821	7	10 5.85	40 26 44.8	578	162	
822	9	10 6.92	43 18 55.8	537	194	dpl. II.
823	8½	10 8.87	25 46 5.1	225	40	
824	8	10 9.11	37 32 20.8	615	49	
825	8½	10 9.18	40 34 49.8	578	164	
826	9½	10 9.49	38 34 32.9	617	53	
827	9½	10 10.81	57 17 18.6	544	78	
828	8	10 11.00	46 32 27.7	172	204	
	7	11.15	29.6	233	4	
	7½	11.31	28.0	558	15	
829	9	10 11.59	42 3 0.9	620	3	
830	9	10 13.13	29 29 9.5	593	49	
831	9½	10 13.33	33 21 6.6	141	73	
832	9½	10 13.77	42 43 34.4	167	177	
833	9	10 15.57	27 15 26.7	575	40	
	8½	15.74	27.2	575	42	
834	9	10 15.91	49 21 46.4	196†	106	
835	9	10 16.52	38 1 54.7	617	51	
	9	16.58	57.2	615	47	
836	9	10 16.92	31 20 32.6	602	57	
837	9½	10 17.11	72 16 23.9	580	94	
838	9	10 17.15	39 22 52.1	576	182	
839	8½	10 19.61	45 32 23.5	170	199	
840	8½	10 19.88	45 27 25.2	170	198	
841	8	10 22.06	49 55 59.9	548	96	
842	9½	10 22.40	44 51 51.4	584	181	
843	8	10 22.46	36 16 16.6	227	14	
844	6	10 23.05	45 27 14.7	170	197	
845	9½	10 23.67	41 47 14.1	162	154	
846	8½	10 23.90	44 54 54.3	584	180	
847	9½	10 24.18	34 15 25.8	572	228	
848	9	10 25.15	48 5 42.9	200	116	
	9	25.20	43.3	618	42	
849	9	10 25.39	27 19 42.5	575	43	
	9½	25.56	41.2	575	41	
850	8½	10 25.95	34 17 2.0	572	227	
851	8	10 26.33	48 51 16.7	196†	107	
	8½	26.56	17.3	618	43	
852	9	10 26.83	29 30 5.7	593	50	
853	9	10 27.36	41 42 8.7	620	2	
854	8½	10 27.76	44 50 0.7	584	179	
855	9	10 27.91	26 17 48.3	590	71	
856	9	10 28.90	38 30 0.4	617	52	
857	8½	10 29.33	74 8 58.4	580	96	
858	9½	10 30.68	51 59 58.6	212	66	
859	9	10 30.85	60 34 33.7	175	64	
	9½	31.36	35.6	179	68	
860	8½	10 31.06	41 39 30.4	620	1	
	9	31.26	29.2	162	153	
861	7½	10 32.07	40 37 18.6	578	163	
862	9½	10 32.09	41 50 15.0	162	155	
863	8½	10 32.43	48 40 9.6	618	44	
864	7½	10 33.36	31 35 48.5	602	58	
865	9½	10 33.75	48 57 52.5	196†	108	
866	10	10 35.34	53 28 5.9	215	70	
867	9½	10 36.00	28 46 27.5	204	142	
	9½	36.12	29.4	207	141	
868	9	10 37.40	61 28 11.5	175	63	
869	8½	10 39.75	36 5 18.4	534	265	
	8½	39.77	14.6	612	49	
	8	39.82	15.1	227	15	
870	9½	10 42.00	43 6 55.1	167	179	
871	8½	8 10 43.87	46 29 38.4	172	205	
	9	43.94	41.0	233	5	
	9	44.04	38.2	558	17	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
872	8½	8 10 43.93	66 58 40.8	756	50	
873	8½	10 44.13	49 59 7.1	548	97	
874	8	10 44.47	24 51 7.3	225	41	
	8½	44.54	7.4	603	46	
875	9	10 44.57	30 25 44.3	599	61	
876	8½	10 44.60	40 3 4.5	576	181	
877	9	10 45.20	35 50 29.0	612	50	
878	9	10 45.34	24 48 38.2	603	47	
879	9	10 46.10	46 31 31.7	172	206	
	9½	46.49	33.5	558	18	
880	8½	10 47.40	45 26 27.9	170	200	
881	8½	10 48.04	46 45 34.9	558	19	
882	9½	10 48.04	30 26 23.2	599	60	
883	9	10 49.25	35 32 31.6	612	52	
884	9	10 49.51	50 7 7.4	548	98	
885	9½	10 49.71	31 26 22.9	602	60	
886	9	10 49.78	70 24 28.7	199	82	
887	9	10 49.81	36 59 7.7	615	51	n.pr.
	9	49.83	5.6	534	263	
	9	49.93	6.5	227	17	
888	8	10 50.14	36 59 25.4	615	50	s.sq.
	7½	50.16	23.4	227	16	
	8	50.27	24.8	534	262	
889	9	10 50.96	31 29 50.0	602	59	
890	9	10 51.38	36 44 7.6	534	264	
891	7	10 51.82	30 32 34.4	599	58	
892	9	10 52.96	52 34 9.3	542	69	
893	7	10 53.46	46 6 15.4	172	207	
894	8½	10 54.46	30 26 43.8	599	59	
895	9	10 54.87	33 41 19.9	141	74	
896	7½	10 55.68	29 48 5.7	593	52	
897	9	10 55.77	28 24 23.6	204	143	dpl.
	9	55.90	23.4	207	142	
898	8½	10 56.13	30 46 17.0	599	57	
899	10	10 56.51	23 4 32.7	230	40	
900	9	11 2.86	45 49 58.8	170	201	
901	9	11 3.76	43 8 13.8	537	196	
	9	3.78	12.2	167	178	
902	9	11 3.84	49 36 6.2	618	45	
903	9	11 4.38	39 20 3.9	576	183	
904	9½	11 6.20	42 4 32.6	620	4	
	10	6.34	30.8	167	181	
905	9½	11 6.99	24 34 4.0	603	48	
906	8½	11 7.63	39 53 9.7	576	184	
	8½	7.77	10.1	578	166	
907	9½	11 7.73	41 9 49.0	578	165	
908	9	11 9.34	31 22 36.0	602	61	
909	9½	11 9.43	52 25 23.7	542	70	
910	8½	11 9.65	57 23 14.9	544	77	
	8	9.79	12.8	218	49	
911	9	11 10.52	54 21 17.4	546	83	
	9½	10.61	17.1	215	71	
912	8½	11 11.23	63 35 54.8	181	54	
	8½	11.42	54.8	216	52	
913	9	11 11.59	42 2 62.1	625	1	
	9½	11.68	61.0	162	156	
	9	11.72	59.4	167	180	
914	9	11 11.73	58 14 26.1	218	50	
915	10	11 12.37	63 32 37.4	181	53	
916	9½	11 14.95	34 23 44.0	572	229	
917	6½	11 15.10	35 31 11.3	612	51	
918	9½	11 15.32	39 49 20.2	578	167	
919	8½	11 15.43	45 48 8.9	172	208	
	8½	15.50	9.8	170	202	
920	9½	11 17.54	70 57 14.2	199	81	
921	9	11 17.86	26 27 34.7	590	72	
922	9	11 18.76	29 2 18.3	593	53	
923	9	8 11 19.42	75 41 23.9	194†	36	
	9	19.53	20.6	596	27	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
924	9	8 11 19.74	67 7 51.8	756	51	
925	9	11 21.88	28 3 17.8	207	144	
	9½	21.93	16.9	204	144	
	9½	21.94	17.3	207	143	
926	9½	11 22.05	27 27 22.5	575	44	
927	9½	11 22.69	36 52 52.3	615	52	
	9½	22.80	49.6	227	18	
928	9½	11 24.35	51 58 27.7	212	67	
929	9	11 26.86	26 25 7.4	590	73	
930	9½	11 27.90	34 26 35.5	572	230	
931	7½	11 28.19	35 29 55.9	612	53	
932	9½	11 29.30	24 57 10.5	603	49	
	10	29.46	11.2	225	42	
933	9	11 29.87	58 10 9.0	218	51	
934	9	11 31.25	29 42 39.4	593	56	
935	9½	11 31.41	46 39 51.2	233	6	
936	8	11 32.22	48 47 50.7	196†	109	
	8½	32.29	50.8	618	46	
937	9	11 32.27	29 39 33.8	593	55	
938	9½	11 32.30	29 7 56.9	204	146	
939	8	11 32.80	62 6 24.9	175	65	
	8½	32.91	25.9	181	56	
940	9½	11 33.53	69 19 53.5	199	84	
941	9	11 33.76	43 56 23.1	584	183	
	9	33.87	23.2	537	197	
942	8½	11 33.90	27 28 48.8	575	45	
943	9	11 34.50	32 54 19.3	609	48	
944	9	11 34.98	66 0 39.1	216	53	
945	9	11 35.61	50 3 21.9	548	99	
946	9	11 35.66	41 18 9.2	620	5	
947	9	11 35.95	48 50 12.3	618	48	
948	8	11 36.25	56 22 28.0	544	79	
949	8½	11 36.89	47 12 48.2	558	22	
	8½	36.96	47.1	200	117	
950	9½	11 37.04	33 2 14.3	609	47	
951	8½	11 37.14	36 8 56.7	534	266	
952	10	11 37.28	76 16 24.3	194†	34	
953	9	11 38.08	47 4 45.6	172	210	
	9	38.23	46.2	200	118	
	9	38.33	48.2	558	23	
954	9½	11 40.04	70 7 59.3	199	83	
955	9½	11 40.53	35 21 17.9	612	55	
956	9½	11 40.78	24 57 28.2	603	50	
	9½	41.02	29.5	225	43	
957	9½	11 44.95	51 49 11.5	212	68	
958	9	11 45.17	32 47 31.2	609	49	
959	9½	11 45.22	47 13 35.8	558	20	
960	9	11 45.76	48 40 2.3	618	49	
	8½	46.00	0.9	196†	110	
961	9½	11 45.88	35 20 39.3	612	54	
962	7	11 47.18	50 3 54.5	548	100	
963	9½	11 47.98	29 11 56.8	204	145	
964	9	11 49.33	33 45 34.9	141	75	
965	8	11 51.51	39 27 49.8	576	186	
966	8	11 52.07	23 20 59.1	230	41	
967	9	11 53.10	23 59 4.1	593	54	
968	9	11 53.19	55 7 57.2	546	84	
969	8½	11 53.69	69 22 17.4	199	85	
970	7	11 54.02	45 55 46.3	172	209	
	7	54.12	45.9	170	203	
	7	54.15	46.7	233	7	
971	9	11 53.85	26 59 49.8	590	74	
972	8½	11 53.96	43 56 19.7	537	199	
	8½	53.97	22.9	584	184	
973	9	11 54.34	43 49 39.9	537	198	
974	8½	11 54.81	39 28 52.4	576	185	
975	9	11 55.90	33 32 29.2	141	77	
976	7½	8 11 56.18	39 22 5.2	576	187	
977	9	8 11 56.25	37 5 9.3	615	53	
	9	56.31	10.0	534	268	
	9	56.49	7.7	227	19	
978	9	11 56.64	59 53 41.8	179	69	
979	8½	11 58.08	38 15 55.4	617	54	
980	8½	11 58.53	49 36 33.7	618	51	
981	7½	11 58.60	61 3 43.2	175	67	
982	7	11 58.78	51 40 30.0	542	72	
983	8½	11 59.26	57 46 51.4	218	52	
984	8	11 59.93	36 15 14.2	534	267	
985	8½	12 0.51	38 24 49.8	617	55	
986	8½	12 0.93	62 3 12.1	181	55	
	8½	0.95	12.7	175	66	
987	8	12 1.01	48 52 50.7	196†	111	
	8½	1.03	48.1	618	47	
988	9	12 2.22	51 12 35.2	542	71	
989	8½	12 2.63	47 9 26.5	622	1	
	8½	2.67	25.1	172	211	
	9	2.87	26.1	558	21	
	8½	2.89	25.7	200	119	
990	9	12 3.83	61 9 14.4	175	68	
991	8½	12 3.84	41 29 44.2	620	6	
992	9	12 5.57	76 15 29.6	194†	35	
	8½	6.37	29.9	596	28	
993	8½	12 6.32	30 23 44.9	599	62	
994	9½	12 6.87	36 33 1.5	227	20	
995	9	12 7.48	34 28 24.9	572	231	dpl. I.
996	9	12 9.01	56 24 5.0	544	80	
997	8½	12 9.22	32 37 19.5	609	50	
998	9	12 9.65	43 57 33.0	537	200	
	9	9.83	33.3	584	185	
999	9	12 10.98	41 52 33.1	625	2	
	9	11.12	30.0	167	182	
	9½	11.23	28.7	162	157	
1000	9	12 11.50	39 32 36.0	576	188	
1001	7½	12 13.24	25 54 56.7	225	44	
1002	9	12 13.56	26 53 11.0	590	75	dpl. I.
	9	13.67	12.7	575	46	
1003	9½	12 13.71	34 52 23.5	572	232	
1004	9½	12 14.19	33 45 14.2	141	76	
1005	9	12 15.26	23 22 55.1	230	42	
1006	9	12 15.34	30 19 37.6	599	63	
1007	9½	12 15.57	30 11 47.5	599	64	
1008	8	12 16.33	53 9 14.0	215	72	
	8½	16.38	13.9	212	69	
1009	7½	12 17.19	34 6 39.1	165	38	
1010	8½	12 17.70	48 48 0.2	196†	112	
	8½	17.85	0.2	618	50	
1011	8½	12 17.94	66 53 49.7	756	53	
1012	9½	12 18.50	61 16 37.2	175	69	
1013	9½	12 18.59	41 44 48.2	162	158	
1014	8	12 19.27	28 44 41.9	204	148	
	8	19.44	39.2	207	145	
1015	9	12 21.43	47 5 21.1	558	24	
	9	21.57	22.5	172	212	
	9	21.58	21.8	200	120	
1016	9	12 21.93	44 4 30.5	537	201	
	9	22.15	29.5	584	186	
1017	9	12 22.83	33 35 20.9	141	78	
1018	8½	12 23.70	24 59 7.5	225	46	
	9	23.88	6.5	603	52	
1019	9	12 24.36	48 57 58.5	196†	113	
1020	9	12 25.34	47 11 1.2	172	213	
	9	25.41	2.3	622	2	
1021	9½	12 26.58	55 1 53.1	546	85	
1022	8	12 26.79	67 8 44.3	238	1	
	8½	27.00	40.0	756	52	
1023	9	8 12 26.87	31 38 6.5	602	62	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
1024	9	8 12 26.99	24 55 47.8	603	53
1025	9½	12 27.92	46 2 41.7	233	8
1026	9½	12 28.43	33 16 18.3	141	79
1027	9	12 29.04	35 6 40.9	165	39
	8½	29.13	43.0	572	234
	9	29.17	40.7	612	56
1028	9	12 30.29	36 43 34.9	227	21
1029	9½	12 30.42	41 28 51.3	620	8
1030	9½	12 31.34	38 45 48.4	617	59
1031	8½	12 31.68	26 45 6.3	590	76
1032	9	12 31.97	41 29 19.5	620	7
1033	8	12 32.10	45 40 23.4	170	204
1034	7½	12 33.49	32 29 0.9	609	51
1035	8½	12 35.77	24 58 24.4	603	51
	8	35.80	25.3	225	45
1036	9½	12 36.97	38 7 19.3	615	54
	9	37.10	15.8	617	56
1037	9	12 37.33	43 2 49.1	537	202
1038	9	12 37.50	47 26 36.7	200	121
1039	9	12 37.83	74 7 11.0	580	97
1040	7½	12 38.33	70 52 57.6	238	2
	8½	38.68	57.5	199	87
1041	9	12 39.03	27 47 43.8	207	148
1042	9	12 39.77	35 5 61.3	572	235
	9½	39.91	57.7	612	57
1043	8½	12 41.38	38 45 41.6	617	57
1044	8½	12 43.04	42 20 6.2	625	3
	8½	43.14	6.8	167	183
1045	8½	12 43.35	23 55 7.3	230	44
1046	8½	12 43.86	34 47 3.2	572	233
1047	9	12 44.13	66 13 13.0	756	54
1048	9	12 45.38	29 13 18.4	204	147
	8½	45.55	16.7	207	146
1049	8	12 47.56	39 51 18.0	576	189
	8	47.95	17.1	578	168
1050	9	12 47.81	74 58 21.9	580	98
1051	8½	12 48.31	27 11 22.2	575	47
1052	9½	12 48.74	23 53 12.8	230	45
1053	9	12 49.64	45 37 34.1	170	205
1054	8½	12 49.75	27 12 11.5	575	48
1055	9	12 50.43	48 3 2.8	622	4
	9	50.56	3.6	618	54
1056	9	12 51.53	51 33 20.1	542	73
1057	8½	12 51.65	30 4 10.3	593	61
	9	51.77	10.7	599	65
	8½	51.81	10.8	593	57
1058	8½	12 52.05	56 20 9.8	544	81
1059	9½	12 53.09	29 46 5.0	593	59
1060	7	12 53.53	29 36 56.3	593	58
1061	9	12 53.96	26 36 38.1	590	77
1062	9	12 53.96	24 12 43.6	230	43
1063	8½	12 54.23	48 9 27.7	622	3
	9	54.33	28.9	618	53
1064	8½	12 55.62	65 31 58.3	216	55
1065	9½	12 55.76	39 42 20.1	576	190
1066	9½	12 56.04	65 38 35.0	216	54
1067	8½	12 57.39	49 30 31.7	548	102
	8½	57.52	32.5	618	52
1068	9½	12 58.58	49 34 31.7	548	101
1069	7½	13 0.14	42 8 5.4	625	4
	7½	0.18	7.0	167	184
	7½	0.39	2.5	162	160
1070	9	13 1.05	65 53 0.8	756	55
1071	9½	13 1.42	48 52 56.2	196†	114
1072	8½	13 1.73	24 13 40.9	603	54
1073	9	13 1.85	38 40 24.8	617	60
1074	8½	13 2.62	53 6 5.2	212	70
	8½	3.00	7.5	215	73
1075	9½	8 13 2.99	49 40 45.5	548	103
1076	9	8 13 3.97	44 16 46.5	584	187
1077	7½	13 4.04	25 57 16.6	225	47
	8	4.13	16.5	590	78
1078	9	13 4.29	45 7 5.2	584	188
1079	8	13 5.38	40 30 19.6	578	169
1080	8½	13 5.40	40 37 13.9	578	170
1081	8½	13 7.29	29 56 20.1	599	66
	8½	7.49	19.1	593	60
1082	9	13 7.83	31 45 2.3	602	63
1083	7½	13 9.30	52 22 24.3	542	74
1084	8½	13 9.37	29 10 40.9	593	62
	8	9.48	38.8	207	147
1085	9	13 9.47	38 42 55.2	617	58
1086	9	13 10.46	52 19 3.1	542	75
1087	9	13 10.97	47 51 41.1	622	5
1088	10	13 11.62	42 17 54.0	167	185
1089	9	13 12.82	23 50 26.7	230	46
1090	9½	13 12.82	28 37 14.0	204	149
1091	7	13 16.17	78 19 4.6	596	29
1092	8	13 16.50	56 52 0.0	544	82
1093	9	13 17.54	44 48 3.6	584	190
1094	9	13 17.82	43 13 53.3	537	203
	9	17.84	51.0	167	187
	9	17.99	53.9	627	1
1095	9½	13 17.90	52 17 35.1	542	76
1096	9½	13 18.17	56 44 24.7	544	83
1097	9	13 18.96	41 19 11.3	620	9
	9	19.24	9.9	162	159
1098	9½	13 19.68	60 40 30.6	175	70
	9½	19.80	30.2	179	70
1099	8	13 19.88	46 30 19.1	172	214
	7½	20.09	21.2	233	10
	7½	20.11	19.6	558	25
1100	8	13 20.09	47 16 40.4	200	122
1101	7½	13 20.82	59 40 19.4	179	71
1102	5½	13 22.36	62 31 46.8	181	58
1103	8½	13 22.69	47 20 41.4	200	123
	8½	23.01	43.1	622	7
1104	9½	13 23.93	46 37 30.9	558	26
1105	9	13 26.30	32 59 40.3	609	52
1106	9	13 27.32	38 26 28.9	617	61
1107	7	13 28.26	47 31 57.8	622	6
	7	28.30	56.0	200	124
1108	9½	13 28.61	41 25 9.6	620	10
1109	8½	13 28.96	27 7 29.2	575	49
1110	9	13 29.42	46 10 2.0	170	206
	9	29.56	2.7	233	9
1111	9	13 30.15	35 5 12.9	572	237
1112	10	13 30.62	65 53 6.6	216	56
	9½	30.65	6.8	756	56
1113	9	13 30.93	41 32 21.9	620	11
1114	6	13 31.05	35 3 43.9	612	58
	6	31.08	45.4	572	236
	6½	31.30	42.3	165	40
1115	8½	13 32.55	37 5 14.9	227	22
	8½	32.61	17.5	615	55
1116	9½	13 33.07	30 30 15.6	599	67
1117	8	13 33.08	53 5 15.2	212	71
	8	33.24	16.8	215	74
1118	7	13 33.84	36 59 9.8	615	56
	7	34.06	9.8	227	23
1119	8½	13 35.16	72 48 3.5	580	100
1120	9½	13 35.86	45 4 14.5	584	189
1121	7½	13 36.43	53 14 18.3	212	72
	7½	36.57	19.7	215	75
1122	9	13 36.49	33 6 57.7	141	80
	8½	36.54	58.8	609	53
1123	9½	13 36.75	33 45 53.1	141	82
1124	8½	8 13 37.94	32 2 10.9	602	64

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1125	9½	8 13 38.36	43 9 28.1	625	7	
	9½	38.52	24.9	625	5	
	9½	38.56	25.7	537	204	
	9½	38.64	23.9	167	188	
1126	9	13 38.58	28 33 23.3	204	152	
	9½	38.78	23.8	207	149	
	9	38.85	24.2	204	150	
1127	9	13 39.82	55 19 39.8	546	86	
1128	8	13 40.95	53 18 54.0	215	76	
	8	41.00	53.8	212	73	
1129	9	13 42.46	37 33 13.3	615	58	
1130	8	13 42.85	46 41 17.2	558	27	
1131	9	13 43.67	43 38 2.4	627	2	
1132	8	13 43.74	74 37 2.7	580	99	
1133	9½	13 43.88	41 43 12.7	162	161	
1134	9½	13 44.07	36 13 33.5	227	25	
1135	9½	13 44.89	42 16 57.9	625	6	
	9½	45.09	56.8	167	186	
1136	8½	13 45.95	35 7 43.6	612	59	
	8½	46.03	45.2	572	239	
	8½	46.15	43.2	165	41	
1137	8	13 46.31	29 6 48.7	593	63	
	8½	46.35	47.3	204	151	
	8	46.54	46.7	207	150	
1138	9	13 46.76	46 37 32.5	233	11	
1139	9	13 48.45	33 7 56.8	609	54	
	9½	48.67	53.8	141	81	
1140	9	13 49.29	40 52 12.9	578	171	
1141	9½	13 49.37	23 43 58.1	230	47	
1142	8½	13 49.77	29 21 16.3	593	64	
1143	9	13 51.22	26 23 9.1	590	79	
1144	9½	13 52.75	37 22 9.3	615	57	
1145	5	13 52.81	36 16 22.5	227	24	
1146	9	13 53.13	29 21 50.4	593	65	
1147	9	13 53.99	48 44 41.5	618	55	
	9	54.04	42.9	196†	116	
	9	54.19	40.5	196†	115	
1148	7½	13 54.72	23 24 22.7	230	48	
1149	9	13 54.75	35 6 28.1	572	238	
	9½	54.97	26.0	612	60	
1150	9	13 55.30	44 54 46.7	584	191	
1151	10	13 55.31	24 16 38.0	603	55	
1152	9½	13 59.02	44 10 3.9	537	205	
1153	9½	13 59.34	52 44 0.6	212	74	
1154	8½	13 59.47	39 58 1.8	578	175	
	8½	59.69	0.6	576	191	
1155	9½	13 59.93	62 28 30.3	181	59	} dpl.
1156	9½	14 0.03	62 28 28.3	181	57	
1157	9	14 0.40	26 24 35.2	590	80	
1158	9	14 0.41	26 33 14.8	590	81	
1159	8½	14 1.50	38 22 14.6	617	63	
1160	10	14 2.83	24 16 9.5	603	56	
1161	9	14 3.25	33 38 25.6	141	83	
1162	9½	14 4.55	40 48 12.9	578	172	
1163	9	14 4.66	43 19 20.1	627	3	
1164	9½	14 5.27	50 14 50.9	548	104	
1165	7	14 5.31	46 42 8.0	172	215	
	7½	5.31	10.1	558	28	
1166	8	14 5.76	38 18 12.4	617	62	
1167	9½	14 5.90	24 18 57.0	603	57	
1168	9	14 6.04	61 58 50.6	175	73	
	9	6.07	52.5	236	1	
	9	6.15	50.1	175	72	
1169	9	14 8.86	29 22 41.4	593	66	
1170	8½	14 9.48	54 31 33.0	546	87	
1171	8	14 9.59	40 0 32.7	578	174	
	8	9.97	31.3	576	192	
1172	8	14 10.20	39 56 18.5	576	193	
	8	10.28	19.6	578	173	
1173	8½	8 14 11.30	57 4 24.1	544	84	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1174	9½	8 14 12.08	57 14 24.0	544	86	
1175	9½	14 14.45	28 24 33.9	204	153	
1176	8	14 14.65	32 42 53.3	609	56	
1177	9	14 15.50	45 40 12.6	170	207	
1178	9	14 15.54	46 52 6.4	558	30	
	8½	15.59	6.2	172	217	
	9	15.82	3.6	200	125	
1179	9	14 15.70	54 5 59.5	215	77	
1180	9	14 15.99	43 52 37.9	627	4	
	9	16.10	37.1	537	206	
1181	9	14 16.08	64 6 4.7	216	58	
	8½	16.34	4.1	756	58	
1182	9	14 20.01	31 22 3.8	602	65	
1183	9½	14 20.13	35 45 16.1	612	61	
1184	8½	14 22.03	25 1 55.5	225	48	
1185	8½	14 23.52	46 44 41.2	172	216	} dpl.
1186	8½	14 23.91	46 44 33.9	558	29	
1187	9	14 24.82	41 26 8.8	162	162	
	8½	24.92	8.9	620	12	
1188	7½	14 24.84	38 41 16.5	617	64	
1189	9	14 26.15	32 37 57.2	609	57	
1190	9	14 27.36	40 10 29.6	576	194	
1191	8½	14 28.67	57 5 49.5	544	85	
1192	9½	14 28.77	30 27 0.0	599	68	
1193	8	14 28.82	26 41 21.6	590	82	
1194	9	14 30.46	41 29 0.5	620	13	
1195	9	14 31.83	27 58 8.2	204	155	
	9	31.88	6.3	575	50	
	9	31.88	8.3	575	52	
	9	31.90	6.3	207	151	
1196	8	14 32.29	37 47 11.5	615	59	
1197	9½	14 32.96	46 25 52.0	233	13	
1198	9	14 32.99	33 20 42.6	141	84	
1199	8½	14 33.31	32 58 27.6	609	55	
1200	9½	14 33.48	33 25 34.8	141	85	
1201	9	14 34.14	76 21 40.6	194†	37	
1202	9½	14 34.14	42 21 44.5	625	9	
	9½	34.45	44.5	167	190	
1203	9½	14 34.51	63 19 24.8	181	60	
1204	9½	14 34.79	27 56 18.1	204	156	
1205	8	14 34.85	60 9 42.1	179	73	
1206	7	14 35.67	42 8 8.0	625	8	
	7½	35.79	7.2	167	189	
	7½	35.80	8.1	620	16	
	7½	35.81	7.5	162	165	
1207	8½	14 37.19	69 14 13.3	238	3	
	9	37.21	11.7	199	89	
	8	37.25	11.8	199	86	
1208	9	14 39.26	64 7 7.0	216	59	
	8½	39.28	5.9	756	57	
1209	8½	14 39.11	31 25 53.3	602	66	
1210	9	14 39.81	36 46 39.1	227	28	
1211	7	14 40.10	34 11 53.1	572	240	
	7	40.15	51.4	165	42	
1212	9	14 40.92	41 35 25.5	620	14	
	9½	40.96	24.8	162	163	
1213	9½	14 41.20	43 53 8.7	627	5	
	9½	41.33	8.7	537	207	
1214	8½	14 42.79	25 5 30.7	603	58	
	9	42.86	30.1	225	49	
1215	7	14 42.82	55 23 9.7	546	88	
1216	8½	14 43.21	28 0 47.1	204	154	
	8½	43.31	49.6	575	51	
	8½	43.50	48.7	207	152	
1217	7½	14 43.64	55 30 15.4	546	89	
1218	9½	14 43.77	41 8 16.3	578	177	
1219	9	14 46.06	45 40 6.8	170	208	
1220	9½	14 46.24	72 13 51.9	580	101	
1221	9	14 47.12	44 38 37.1	584	192	dpl. II. n. pr.
1222	8	8 14 48.79	23 23 24.9	230	49	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1223	9	8 14 48.91	26 37 46.5	590	84	
1224	9	14 49.18	45 30 32.9	170	209	
1225	9	14 49.25	25 12 25.3	225	50	
1226	8	14 49.45	28 57 18.3	593	67	
	8	49.49	15.3	207	153	
1227	9	14 49.89	77 38 33.3	194†	39	
	9	50.25	32.2	596	31	
1228	9	14 50.23	60 23 2.3	179	74	
	9	50.54	0.4	179	72	
1229	9	14 50.63	46 32 59.7	233	12	
1230	9½	14 50.95	33 23 19.6	141	86	
1231	8	14 51.92	76 42 58.7	596	33	
	8	52.08	59.4	194†	38	
1232	8	14 52.01	47 21 59.6	622	8	
	8	52.13	58.8	200	126	
1233	9½	14 52.06	44 39 43.0	584	193	
1234	9	14 52.62	33 12 29.3	141	87	
1235	7	14 56.31	58 18 27.9	218	53	
1236	9½	14 56.61	26 36 11.4	590	83	
1237	8	14 57.51	34 55 23.9	612	62	
	8	57.64	24.2	165	43	
1238	9½	14 59.33	70 26 17.4	199	88	
1239	9½	15 0.46	32 5 12.5	609	58	
1240	9½	15 1.07	30 22 54.9	599	71	
1241	9½	15 1.68	43 54 10.0	627	6	
	9½	1.71	8.3	584	194	
	9½	1.74	6.6	537	208	
1242	9	15 1.75	43 35 1.7	537	209	
	9	1.82	4.7	627	7	
1243	8	15 2.53	46 49 7.0	172	218	
	7½	2.64	7.0	558	31	
1244	7½	15 3.36	30 42 15.6	599	70	
1245	8	15 3.89	40 3 23.4	576	195	
	8	3.96	25.4	578	176	
1246	8	15 4.56	25 25 29.4	225	51	
1247	9½	15 5.11	36 8 10.4	612	63	
1248	9½	15 5.13	61 15 57.6	175	71	
1249	9	15 5.24	26 26 44.2	590	85	
1250	7½	15 6.14	37 1 29.7	615	61	
	7	6.34	27.8	227	26	
1251	9	15 6.47	77 59 27.3	596	30	
1252	9½	15 7.29	31 32 55.5	602	67	
1253	9½	15 8.03	39 58 14.4	576	196	
1254	7½	15 8.05	45 48 46.3	172	219	
	7½	8.23	45.2	170	210	
1255	8	15 8.35	52 18 55.2	542	77	
	8	8.36	55.4	212	75	
1256	9	15 8.71	30 34 32.0	599	69	
1257	9	15 9.27	41 36 56.8	162	164	
	8½	9.50	58.7	620	15	
1258	8½	15 9.30	23 52 25.3	230	51	
1259	9	15 9.68	23 30 42.7	230	50	
1260	9½	15 9.83	29 9 21.7	593	69	
1261	8	15 9.87	64 0 51.5	216	60	
	8	10.02	54.2	756	59	
1262	9	15 10.54	34 1 46.0	572	241	s.pr.
1263	9	15 10.83	41 59 7.6	625	11	
	9	10.86	8.7	620	17	
	9½	10.88	7.0	167	192	
	9	10.93	10.3	625	13	
	9½	10.97	6.3	162	166	
1264	9	15 11.09	25 42 55.1	225	52	
1265	9	15 11.70	34 1 34.4	572	242	n.sq.
1266	9	15 12.26	30 14 55.2	599	72	
1267	7½	15 12.33	29 8 50.3	207	155	
	7½	12.33	51.7	593	68	
	8	12.37	51.6	204	158	
1268	7	8 15 12.83	63 47 53.7	216	57	
	7	13.02	52.0	756	60	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1269	9	8 15 13.22	36 48 37.2	615	60	
	9	13.32	37.1	227	27	
	8½	13.32	39.4	615	62	
1270	7½	15 14.83	47 48 21.1	622	9	
	7	15.05	18.8	200	127	
1271	9½	15 17.29	33 30 24.7	617	65	
1272	8½	15 17.80	23 42 10.8	230	52	
1273	9	15 19.02	42 2 13.1	625	10	
	9	19.06	12.3	620	18	
1274	9	15 21.46	26 27 29.4	590	86	
1275	9	15 21.52	29 3 18.8	204	159	
	9	21.59	19.3	207	154	
1276	9	15 22.08	45 7 39.2	170	212	
1277	9	15 22.15	31 36 23.2	602	68	
1278	9½	15 22.47	27 59 33.4	575	53	
	9½	22.63	34.1	204	157	
1279	7	15 22.50	58 46 28.5	218	54	
1280	9½	15 25.03	58 47 9.4	218	55	
1281	9½	15 25.23	46 44 22.1	558	33	
1282	9½	15 25.61	46 52 44.4	558	32	
1283	9	15 25.80	47 40 37.0	622	11	
	9	26.04	34.4	200	129	
1284	9	15 27.25	47 46 62.0	622	10	
	9	27.40	58.7	200	128	
1285	9½	15 27.49	49 52 45.7	548	105	dpl. II. pr.
1286	8	15 28.01	24 44 23.7	603	60	
1287	9	15 29.35	47 32 36.0	622	13	
1288	8	15 30.10	42 19 45.8	167	191	
	8	30.11	47.9	625	12	
	8	30.38	46.1	167	193	
1289	9	15 30.90	33 22 54.2	141	89	
1290	9	15 32.38	62 28 25.4	181	61	
	9½	32.43	26.6	236	3	
	9	32.47	26.1	236	2	
1291	9	15 32.91	61 4 30.2	175	75	
1292	8½	15 33.46	34 3 36.4	572	243	
1293	9½	15 36.51	36 44 42.0	227	29	
1294	8	15 36.65	46 2 43.2	172	220	
	8½	36.71	43.5	233	14	
	9	36.77	41.6	170	211	
1295	9½	15 37.77	33 12 50.4	141	88	
1296	7½	15 41.03	59 55 21.2	179	75	
1297	9	15 41.08	47 31 28.9	622	12	
1298	8½	15 41.72	34 6 26.3	572	244	
	9½	41.81	24.9	141	91	
1299	9½	15 43.22	31 15 41.6	602	70	
1300	10	15 44.72	29 10 5.3	207	156	
1301	9	15 45.33	55 5 12.6	546	91	
1302	8½	15 46.95	50 17 30.1	548	106	
1303	9½	15 47.61	31 19 16.9	602	69	
1304	9½	15 50.45	55 59 49.8	546	90	
1305	8½	15 51.87	41 39 49.3	162	167	
	7½	52.08	52.7	620	20	
1306	9½	15 52.18	33 41 43.5	141	90	
1307	9½	15 54.69	77 43 6.5	194†	41	
	9	54.98	5.9	596	32	
1308	9½	15 55.02	43 59 45.9	627	9	
1309	8½	15 55.69	29 36 35.5	593	70	
1310	8½	15 55.99	32 23 56.6	609	60	
1311	9	15 56.92	25 56 17.7	590	87	
	9	57.00	15.1	225	53	
1312	9½	15 57.18	36 54 43.2	615	63	
1313	8½	15 57.99	54 8 44.0	215	78	
1314	9½	15 58.15	32 50 40.6	609	59	
1315	9	15 58.19	56 50 11.7	544	87	
1316	7½	15 59.44	59 55 8.5	179	76	
1317	7½	16 1.71	49 8 34.2	196†	117	
	7½	1.72	35.0	618	56	
1318	8½	8 16 2.39	25 2 43.4	603	59	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
1319	9	8 16 3.16	30 11 18.2	599	74
1320	10	16 4.21	49 18 11.1	548	108
1321	8½	16 4.30	47 17 8.5	200	132
1322	9½	16 4.58	42 37 33.8	167	194
	9½	4.58	37.6	625	14
1323	7½	16 4.58	66 57 28.3	238	4
	9½	4.92	27.8	199	90
1324	9	16 4.94	43 29 16.5	537	210
	9	5.17	17.3	627	8
1325	9	16 5.00	50 16 22.2	548	107
1326	8½	16 7.01	45 52 39.8	172	221
	9½	7.11	40.6	233	15
1327	8	16 7.69	23 31 25.5	230	53
1328	8½	16 7.90	56 45 32.6	544	88
1329	8½	16 8.23	47 2 2.4	172	223
	9	8.48	2.6	558	34
1330	9½	16 11.20	24 49 25.6	603	61
1331	7	16 11.21	73 25 13.0	580	105
	7	11.32	13.7	580	102
1332	9	16 11.38	36 49 29.0	615	64
1333	9	16 12.28	47 59 34.6	200	130
1334	9	16 13.72	35 23 25.1	612	64
1335	9½	16 14.23	38 13 2.7	615	65
	9	14.31	0.0	617	66
1336	8½	16 14.49	47 15 55.3	200	131
1337	9½	16 14.92	28 9 50.1	575	54
	9½	15.05	49.5	207	157
1338	9	16 14.97	63 48 39.5	756	61
1339	8½	16 15.13	34 16 56.4	572	245
1340	9½	16 15.81	41 1 55.5	620	19
	9½	15.97	57.7	578	178
1341	9	16 16.89	36 12 13.4	227	30
1342	8½	16 17.68	46 59 40.2	172	224
	9	17.96	38.7	558	35
1343	9½	16 18.28	32 0 45.4	609	63
1344	8½	16 18.36	34 29 54.1	572	246
	8½	18.48	52.3	165	44
1345	9½	16 18.42	58 19 15.3	218	56
1346	9	16 19.05	63 51 55.4	756	62
1347	9½	16 19.64	61 27 9.1	175	76
	9½	19.73	7.8	175	74
1348	9½	16 19.74	30 2 42.8	599	73
1349	9	16 19.89	48 7 29.8	622	15
1350	10	16 20.04	28 54 19.0	204	160
1351	9½	16 20.18	27 5 45.5	575	55
1352	9	16 20.49	58 14 17.9	218	57
1353	9	16 23.37	47 34 26.5	622	14
1354	8	16 23.57	43 51 34.9	537	211
	8	23.66	31.5	584	195
	7½	23.71	34.3	627	10
1355	8	16 25.04	40 40 27.3	578	179
1356	8½	16 25.91	46 35 48.8	172	222
	8	25.95	50.3	233	16
	8½	26.09	47.5	558	36
1357	9½	16 26.14	57 23 50.6	544	89
1358	5½	16 27.75	32 39 26.4	609	61
1359	9	16 28.48	65 12 49.8	216	62
1360	9	16 28.51	53 12 22.5	215	80
	9	28.69	22.7	212	79
1361	7½	16 28.82	51 32 53.2	542	78
1362	10	16 29.11	44 45 13.5	584	196
1363	9½	16 29.37	28 33 13.0	204	161
1364	8	16 30.35	53 30 17.3	212	76
	8½	30.49	19.1	215	82
1365	9	16 31.10	25 38 42.0	225	54
1366	8½	16 31.44	64 55 59.9	756	63
1367	9	16 33.06	59 48 2.9	179	77
1368	9½	8 16 34.09	37 45 11.9	615	66
1369	9½	8 16 34.73	34 4 29.3	141	92
1370	9	16 36.88	45 23 6.3	170	213
1371	6	16 37.89	36 5 14.1	227	31
	6	37.93	13.6	612	66
1372	9	16 39.31	31 56 58.4	609	64
1373	9	16 39.59	32 39 30.5	609	62
1374	9	16 39.85	70 53 7.6	238	7
1375	9	16 39.91	26 6 3.5	225	55
	9	40.01	0.5	590	88
	9	40.10	2.3	590	90
1376	9½	16 39.97	30 59 31.3	602	71
1377	8	16 40.55	53 17 35.7	215	81
	8	40.70	33.1	212	78
1378	8½	16 43.62	36 2 56.7	612	65
	8½	43.69	58.8	227	32
1379	9	16 44.02	23 0 57.0	230	54
1380	9½	16 44.32	44 38 5.2	584	197
1381	9	16 45.58	77 31 48.4	194†	40
1382	8½	16 46.08	43 12 34.1	537	212
	9	46.14	32.5	167	195
	8½	46.17	34.7	627	11
1383	9	16 47.24	53 31 35.6	215	79
	9	47.46	37.2	212	77
1384	9	16 48.98	23 15 22.8	230	55
1385	9	16 50.47	35 34 26.9	612	67
1386	9½	16 50.88	42 0 53.0	162	169
	9	50.99	54.9	620	22
1387	8	16 51.16	41 52 36.5	625	15
	8	51.36	35.5	620	21
	8	51.40	34.8	167	196
	8	51.45	32.5	162	168
	8	51.60	33.0	162	171
1388	8	16 51.82	68 44 15.3	238	5
1389	9½	16 51.94	26 2 29.2	590	91
	9½	51.98	31.2	225	56
1390	9	16 52.16	29 10 37.2	593	71
	9½	52.24	35.4	207	158
1391	9	16 52.78	51 6 5.7	542	79
1392	6½	16 52.80	39 13 24.5	576	199
	6½	52.90	25.8	617	67
1393	8½	16 52.96	31 38 50.3	602	73
1394	9½	16 54.15	41 14 46.8	620	23
1395	8½	16 54.43	55 51 13.7	546	92
1396	9	16 55.42	49 55 3.9	548	109
1397	6	16 55.70	65 13 13.1	756	65
	5½	55.77	13.5	216	61
1398	8½	16 55.82	51 5 59.3	542	80
1399	9½	16 55.96	28 35 35.2	204	162
1400	8	16 56.39	26 47 46.8	575	56
	8½	56.53	46.9	590	89
1401	8	16 56.71	28 13 31.5	204	165
	7½	56.82	33.4	207	159
1402	9½	16 57.14	46 34 58.2	233	17
1403	8½	16 57.55	66 7 9.7	216	63
1404	9½	16 58.03	26 53 15.0	575	57
1405	7½	16 59.38	39 18 56.2	576	200
1406	9½	16 59.96	69 4 16.0	199	91
1407	9	17 0.21	30 35 48.7	599	75
1408	8½	17 0.97	61 18 25.1	175	77
1409	9	17 1.09	45 38 3.7	170	216
1410	8	17 2.21	40 6 37.4	576	197
	9	2.35	37.8	578	180
1411	10	17 2.34	63 35 12.3	236	4
1412	9	17 3.58	34 46 4.4	572	247
1413	10	17 3.70	30 36 9.7	599	76
1414	9	17 3.82	58 29 49.0	218	58
1415	8½	17 5.07	37 48 5.0	615	67
1416	9	8 17 5.91	51 13 23.0	542	82

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1417	9	8 17 6.19	24 22 56.2	603	62	
1418	8	17 6.75	56 27 47.1	544	91	
1419	8½	17 7.60	46 36 8.1	172	226	
	8	7.78	8.7	233	18	
	8½	7.85	8.4	558	37	
1420	9½	17 8.31	34 15 46.1	572	248	
1421	9½	17 8.33	43 59 3.6	627	12	
1422	10	17 8.44	32 59 5.1	141	94	
	9½	8.54	8.7	609	66	
	9½	8.57	8.3	550	2	
1423	9	17 8.48	24 59 39.2	603	63	
1424	9	17 9.16	47 0 8.4	622	17	
	9½	9.25	6.4	200	134	
	9½	9.25	8.9	558	41	
1425	9	17 9.49	32 57 28.2	141	93	
	8½	9.57	29.7	550	1	
	8½	9.69	29.2	609	65	
1426	7½	17 9.69	40 3 22.2	578	181	
	7½	9.72	20.7	576	198	
1427	8	17 11.22	46 55 35.4	172	225	
	7½	11.28	36.2	622	16	
	8	11.47	34.0	200	133	
	8	11.49	36.0	558	38	
	8	11.50	35.9	558	40	
1428	9	17 12.82	46 5 7.9	170	214	
	9	13.01	7.4	222	1	
1429	9½	17 13.13	37 21 38.9	615	68	
1430	9½	17 14.11	56 17 53.2	544	92	dpl. III. pr.
1431	8½	17 15.02	54 28 21.9	546	93	
1432	9½	17 15.56	56 17 54.4	544	90	sq.
1433	8	17 16.19	31 31 22.4	602	72	
1434	9	17 16.27	72 45 29.1	580	107	
1435	8	17 16.80	68 44 10.6	238	6	
1436	8½	17 17.36	73 50 20.2	580	104	
1437	7½	17 17.45	59 42 26.1	179	78	
1438	9	17 17.49	39 53 39.9	578	183	
1439	8½	17 17.89	44 35 30.1	584	198	
1440	9½	17 20.09	59 29 54.8	179	79	
1441	9	17 23.38	32 51 11.6	609	67	
1442	8	17 23.87	42 26 15.5	167	197	
	8	23.93	15.1	625	16	
1443	9½	17 24.66	28 31 9.6	204	163	
	9	24.77	9.0	207	161	
1444	8	17 24.86	28 34 20.8	204	164	
	8	24.90	21.6	207	160	
1445	9	17 25.01	44 8 31.3	537	213	
1446	7	17 26.41	29 17 33.6	593	72	
1447	9½	17 27.95	24 0 14.0	603	65	
	9½	27.97	12.7	230	57	
1448	8½	17 28.49	51 8 46.4	542	81	
1449	9½	17 28.65	48 32 44.4	196†	118	
	9½	28.66	44.0	622	18	
	9½	28.72	44.4	618	57	
1450	9	17 29.60	45 34 26.9	170	217	
1451	9	17 30.02	43 49 45.6	627	13	
1452	9	17 30.09	33 55 45.3	550	4	
1453	8½	17 30.59	44 36 17.6	584	199	
1454	8½	17 32.15	64 52 58.9	756	64	
1455	7	17 32.51	51 49 51.1	542	85	
	6½	32.72	53.0	212	82	
1456	6½	17 33.08	25 56 54.8	590	92	
	6½	33.20	55.2	225	57	
1457	10	17 33.15	36 0 46.7	612	68	
	9½	33.34	45.8	227	33	
1458	9	17 33.39	40 9 50.1	578	182	
1459	8	17 34.11	45 56 15.0	233	20	
	8½	34.31	12.4	170	215	
	8	34.40	14.2	222	2	
1460	9½	8 17 35.82	72 37 35.0	580	108	
1461	9½	8 17 36.74	42 37 34.4	625	17	
	9½	36.76	34.1	625	19	
1462	9½	17 37.84	36 3 52.4	227	34	
1463	8½	17 37.90	74 3 43.4	580	103	
1464	9½	17 38.28	79 22 13.8	194†	42	
1465	9½	17 39.05	33 30 39.2	141	96	
1466	9½	17 39.79	62 29 10.3	181	62	
1467	9	17 40.20	54 48 31.5	546	94	
1468	9	17 40.27	33 31 25.2	141	95	
1469	9½	17 41.67	42 34 0.6	625	18	
1470	9	17 42.05	48 30 10.5	622	19	
	8½	42.07	8.7	196†	119	
	8½	42.10	9.0	618	58	
1471	8½	17 42.10	51 17 55.5	542	83	
1472	7½	17 43.57	52 11 19.0	212	81	
	7	43.72	18.1	542	84	
1473	9½	17 43.85	33 26 15.2	141	97	
1474	8½	17 44.55	41 17 36.3	620	24	
	9	44.57	35.1	162	170	
	9	44.77	35.9	162	172	
1475	9	17 45.35	29 37 3.4	593	74	
1476	9½	17 46.65	38 33 22.5	617	69	
1477	9½	17 47.08	24 1 33.6	603	64	
	9	47.20	33.6	230	56	
1478	8½	17 47.65	26 36 53.9	590	93	
1479	8	17 48.49	50 59 26.2	548	110	
1480	9	17 48.70	37 14 30.2	615	69	
1481	9	17 48.81	29 34 0.0	593	73	
1482	9	17 49.00	47 13 56.5	200	135	
	9	49.01	57.7	558	39	
1483	10	17 49.34	37 28 54.6	615	70	
1484	10	17 51.04	31 37 2.7	602	74	
1485	9	17 51.93	53 20 49.8	215	83	
	8½	52.16	48.8	212	80	
1486	8½	17 53.63	33 55 34.7	572	249	
	8	53.70	36.2	550	3	
	8½	53.82	34.7	165	45	
1487	9	17 54.52	43 54 60.9	627	14	
	9	54.73	59.9	584	200	
1488	9½	17 56.94	43 38 14.0	627	15	
1489	8½	17 56.99	39 50 18.1	578	184	
1490	9½	17 57.46	37 24 19.1	615	71	
1491	8½	17 58.23	48 0 47.3	622	20	
	8½	58.35	44.8	200	138	
1492	9	17 58.78	46 36 5.8	172	227	
	9½	58.82	7.2	233	19	
1493	9	18 1.12	39 4 22.8	576	201	
	9	1.30	23.8	617	68	
1494	9	18 5.10	37 54 13.2	617	72	
	9	5.11	13.2	615	73	
1495	9½	18 8.10	62 23 18.7	175	78	
1496	9	18 8.11	33 26 42.1	141	98	
1497	9½	18 8.28	63 30 10.1	181	63	
	9½	8.49	10.9	236	6	
1498	8½	18 8.41	33 27 30.3	550	6	
	9	8.62	27.9	141	99	
1499	9	18 8.56	35 23 50.8	612	69	
	9	8.60	50.4	612	70	
1500	9½	18 8.81	24 20 1.8	603	66	
1501	9½	18 10.09	24 17 33.2	603	67	
1502	9	18 10.74	38 29 36.8	617	70	
1503	9	18 10.89	32 44 45.4	609	68	
1504	9	18 11.21	39 25 18.7	576	203	
1505	9	18 12.09	32 1 14.7	602	75	
1506	9	18 13.09	27 1 31.9	575	58	
	9	13.15	31.0	590	94	
1507	8	18 13.71	33 49 54.6	572	250	
	7½	13.81	55.3	550	5	
1508	8½	8 18 14.69	23 52 9.2	230	58	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1509	8	8 18 14.77	59 41 41.1	179	80	
1510	8½	18 14.78	34 33 43.3	572	252	
	8½	14.98	41.7	165	46	
1511	9	18 15.86	59 10 37.6	241	1	
	9	15.90	36.6	179	81	
	9	16.46	35.6	218	59	
1512	9	18 16.16	25 1 53.6	225	58	
1513	9	18 17.19	43 30 17.2	537	214	
	9	17.25	20.6	627	18	
1514	8½	18 17.62	45 23 53.4	222	3	
1515	8	18 18.31	47 22 57.1	200	136	
1516	8½	18 18.48	66 13 28.3	756	66	
	9	18.70	24.5	216	64	
1517	9	18 18.89	29 53 3.5	593	75	
	9	19.12	3.6	599	77	
1518	9½	18 20.03	32 40 7.8	609	69	
1519	9½	18 20.16	25 4 39.4	225	59	
1520	7½	18 20.21	27 25 9.3	575	60	
1521	9	18 20.63	72 25 12.2	580	109	
1522	8	18 21.05	39 29 35.8	576	202	
1523	8½	18 21.13	63 6 20.2	236	5	
1524	9	18 21.36	80 5 6.0	194†	44	
1525	8½	18 22.21	34 16 39.1	572	251	
1526	8	18 22.53	31 55 34.6	602	76	
1527	8½	18 24.28	43 47 10.5	627	16	
1528	9½	18 24.83	24 19 25.7	603	68	
1529	6½	18 25.33	57 34 26.6	218	60	
	6½	25.36	27.7	544	93	
1530	9	18 26.32	36 43 26.0	227	35	red
1531	9	18 26.40	37 50 41.7	617	73	
	9	26.42	40.1	615	74	
1532	9½	18 26.43	41 47 23.0	620	25	
1533	9	18 26.68	44 20 5.0	584	203	
1534	7½	18 27.46	30 23 59.2	599	79	
1535	7½	18 29.08	44 27 55.6	584	201	
1536	9½	18 29.51	41 10 7.8	620	26	
1537	9	18 30,36	29 5 54.8	207	162	
	9	30.49	55.1	204	166	
1538	9	18 31.38	56 2 5,0	546	95	
1539	9½	18 31.86	33 18 20,0	141	100	
	9	32.03	21.0	550	7	
1540	9	18 31.91	44 27 7.9	584	202	
1541	9½	18 35,59	30 1 45.1	593	77	
1542	9	18 36,02	26 55 28.5	590	95	
	8½	36.24	30.5	575	59	
1543	7½	18 37,37	29 59 22.1	599	78	
	7	37.62	24.1	593	76	
1544	7½	18 39.59	39 58 45.7	576	205	
	8	39.72	44.5	578	185	
1545	7	18 39.78	37 53 3.0	615	72	
	7	39.89	2.7	617	71	
1546	7	18 40.23	28 34 3.6	207	163	
	7	40.25	4.0	204	167	
1547	8	18 40.66	42 49 36.7	537	215	
	7	40.70	38.1	625	21	
	7½	40.91	35.6	167	198	
1548	5½	18 40.93	48 5 24.8	622	22	
	6	40.96	23.2	618	60	
	5½	41.04	21.3	200	137	
1549	9	18 44.07	67 56 24.5	199	92	
1550	9	18 44.13	42 51 27.6	537	216	
	8½	44.42	28.1	625	22	
1551	7½	18 44.37	57 42 56.7	218	61	
1552	9	18 45.60	27 51 23.6	575	61	
1553	8	18 46.82	63 36 37,7	181	64	
	8	46.83	38.8	236	9	
1554	9½	18 47.30	73 25 47.0	580	106	
1555	8½	18 48.55	47 48 32.0	622	21	
	8½	48.76	29.8	200	139	
1556	9½	8 18 48.95	28 20 5.4	204	169	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1557	8	8 18 49.30	48 39 3.0	196†	120	
	8½	49.35	1.6	618	59	
1558	8½	18 49.35	61 59 38.8	175	79	
	8	49.86	40.2	181	67	
1559	8½	18 49.51	66 5 56.6	756	67	
	9½	49.54	55.8	216	65	
1560	9	18 49.80	47 47 49.0	622	23	
	8½	50.05	45.2	200	140	
1561	9½	18 50.17	52 12 13.9	212	84	
1562	10	18 51.34	79 36 10.6	194†	43	
1563	8½	18 51.38	47 44 56.5	200	141	
1564	9	18 51.41	46 41 36.4	558	43	
	9	51.53	34.0	558	42	
	9	51.58	34.6	233	22	
1565	8½	18 52.66	39 35 52.1	576	204	
1566	9½	18 53.12	43 49 9.0	627	19	
	9½	53.33	8.2	627	17	
	9½	53.39	8.4	537	219	
1567	9	18 53.89	32 34 28.5	609	71	
1568	8	18 54.66	42 35 4.1	625	20	
	8	54.70	8.7	625	23	
1569	9	18 56.18	41 29 35.2	620	28	
1570	9	18 58.00	63 40 17.3	236	7	
	8	58.07	16.9	181	65	
1571	9½	18 58.44	28 15 17.8	204	170	
	9½	58.47	19.5	207	165	
1572	9	18 58.89	61 2 44.9	175	81	
1573	8	18 59.74	68 36 11.2	238	8	
1574	8½	19 0.82	38 2 53.3	615	75	
	8	1.00	53.1	617	74	
1575	9½	19 1.90	33 1 28.3	550	10	
1576	9	19 1.98	28 38 52.2	207	164	
	9	2.00	52.1	204	168	
1577	8	19 2.35	32 29 37.4	609	70	
1578	9	19 2.53	74 46 49.4	596	34	
1579	9½	19 2.96	43 50 25.9	537	217	
1580	9½	19 4.66	33 1 15.0	550	9	
1581	9½	19 5.95	53 27 29.1	215	84	
1582	8½	19 6.11	32 54 0.8	550	8	
1583	9½	19 6.14	35 38 27.1	612	71	
1584	8½	19 6.27	42 0 61.0	625	25	
	8½	6.30	57.7	620	27	
1585	9	19 6.43	44 33 13.1	584	205	
1586	8½	19 6.64	42 24 19.3	625	24	
1587	9	19 8.62	76 7 19.2	596	35	
1588	9	19 9.38	43 59 52.3	627	21	
1589	9	19 10.28	50 57 48.5	542	86	
	8½	10.32	46.1	548	111	
1590	9½	19 10.71	46 3 0.0	233	21	
1591	8½	19 11.29	44 33 48.5	584	204	
1592	9	19 13.82	25 43 6.1	225	60	
1593	9	19 13.88	54 49 14.5	546	96	
1594	8½	19 13.99	52 10 32.9	212	83	
1595	8½	19 15.02	49 38 18.5	548	114	
	9	15.13	18.8	196†	122	
	9	15.14	18.3	196†	121	
	9	15.20	18.2	618	61	
1596	8½	19 16.34	34 33 50.5	572	253	
	8	16.40	49.4	165	47	
1597	8½	19 16.57	58 19 19.4	218	62	
1598	9	19 16.65	27 13 56.3	575	62	
1599	9	19 17,05	43 50 31.5	627	20	
	9½	17.13	30.6	537	218	
1600	8	19 17.83	36 18 46.3	227	36	
1601	9	19 18.05	45 21 0.6	222	4	
1602	9½	19 20.35	53 23 5.6	215	85	
1603	8	19 21.35	35 6 17.4	612	72	
	8	21.44	16.0	165	48	
	8	21.50	16.9	572	255	
1604	8½	8 19 21.61	33 4 29.5	550	11	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1605	9	8 19 21.79	38 4 40.3	615	77	
	9	21.87	38.7	617	76	
1606	10	19 22.39	26 14 11.1	590	96	
1607	7½	19 22.55	45 12 34.8	222	5	
1608	6½	19 22.89	63 42 17.7	181	66	
	6½	23.02	16.7	236	8	
1609	9½	19 24.01	56 43 30.8	544	94	
1610	8½	19 24.01	47 51 50.0	622	24	
1611	9½	19 25.48	30 15 1.1	599	80	
1612	6½	19 25.63	51 43 19.3	542	88	
1613	8	19 25.80	41 37 49.3	620	29	
1614	9½	19 27.53	30 15 11.9	599	81	
1615	8½	19 27.55	38 8 10.4	617	75	
	8½	27.64	13.4	615	76	
1616	7½	19 28.23	23 17 11.3	230	59	
1617	9½	19 29.41	29 7 46.5	593	78	
1618	9½	19 30.69	50 57 32.2	548	112	
	9½	30.79	35.4	542	87	
1619	8½	19 31.43	39 22 47.4	576	207	
1620	9	19 31.70	41 15 10.3	620	31	
1621	9½	19 33.25	53 4 44.4	212	85	
1622	8½	19 34.47	42 9 6.6	625	26	
1623	9	19 34.98	52 58 40.8	212	86	
1624	8	19 35.11	39 38 53.4	576	206	
1625	9½	19 35.30	54 48 59.8	546	97	
1626	8	19 36.58	54 4 46.2	215	86	
1627	9½	19 36.62	61 57 49.0	175	80	
	9½	36.74	49.0	181	68	
1628	9	19 37.96	42 6 40.4	625	27	
1629	8½	19 39.53	31 14 23.1	602	77	
1630	9	19 39.55	72 23 40.0	580	111	
1631	6	19 39.93	23 38 30.7	230	61	red
1632	9	19 39.97	34 34 40.6	572	254	
1633	9	19 41.66	41 17 11.3	620	30	
1634	9	19 42.26	39 23 15.7	576	208	
1635	8½	19 43.07	23 38 27.5	230	60	
1636	8½	19 43.39	32 31 6.7	609	72	
1637	9½	19 43.40	46 34 7.7	233	23	
	9½	43.45	6.9	558	44	
1638	8	19 44.59	59 22 49.6	552	1	
	7½	44.64	50.9	241	5	
	8	44.76	51.0	552	5	
1639	9	19 45.62	32 51 54.6	550	13	
1640	9	19 45.92	58 23 50.6	218	63	
1641	9	19 47.02	31 20 31.0	602	78	
1642	9½	19 48.12	58 19 16.0	218	64	
1643	9	19 48.18	29 6 28.0	593	79	
1644	7	19 48.80	68 39 40.4	238	9	
	8	48.96	38.3	199	93	
1645	9	19 49.26	50 13 33.3	548	113	
1646	9	19 50.76	51 32 10.5	542	89	
1647	8½	19 51.84	76 2 1.9	596	36	
1648	9	19 52.34	44 6 6.8	627	22	
	9	52.50	5.0	537	220	
	9½	52.62	4.5	584	206	
1649	8½	19 53.97	30 42 5.1	599	83	
1650	9	19 54.50	58 8 57.8	218	65	
1651	9	19 54.67	28 33 0.2	204	171	
	8½	54.90	0.8	207	167	
1652	9	19 54.73	66 20 0.3	756	68	
1653	9	19 54.92	25 53 36.6	225	61	
1654	9½	19 56.11	28 9 50.7	204	172	
	9½	56.31	47.0	207	166	
1655	9	19 56.29	55 36 6.2	546	98	
1656	9	19 56.33	33 10 8.8	141	101	
	8½	56.42	9.9	550	12	
1657	2	8 19 56.56	59 6 28.5	552	2	ε *Carinae*
	2	56.67	26.9	241	3	
	2	56.84	26.7	179	82	
1658	7½	8 19 57.52	57 29 9.3	544	96	
1659	9	19 57.76	72 25 54.9	580	110	
1660	9½	19 58.78	38 22 24.2	617	77	
1661	9	19 59.43	24 33 14.1	603	69	
1662	7½	19 59.51	44 49 55.5	584	207	
1663	8	19 59.90	41 7 11.2	620	32	
	8	60.03	8.1	578	186	
1664	9½	20 0.15	55 32 5.6	546	99	
1665	9	20 0.32	30 52 13.5	599	82	
1666	9	20 0.78	34 25 29.4	572	257	
1667	9½	20 0.86	56 13 30.4	544	97	
1668	9	20 1.24	40 20 3.5	629	1	
1669	9½	20 3.69	49 45 24.3	548	115	
1670	9	20 5.23	35 12 4.2	612	73	
1671	8	20 5.86	56 44 2.9	544	95	
1672	9½	20 6.39	36 37 33.2	227	37	
1673	8½	20 7.24	32 11 45.8	609	74	
1674	7½	20 7.56	40 20 30.5	578	187	
	8	7.57	28.3	629	2	
1675	5½	20 9.95	71 6 60.2	238	11	
	5½	10.26	59.4	580	112	
1676	9½	20 10.11	60 24 28.2	175	83	
1677	7	20 10.73	31 32 5.4	602	80	
1678	9	20 12.52	44 0 44.6	627	23	
	9	12.53	45.0	537	221	
1679	8½	20 15.33	66 23 40.7	756	69	
1680	8½	20 15.96	59 11 59.8	552	4	
	8½	16.00	59.9	241	4	
	9	16.09	60.1	179	83	
1681	8½	20 16.18	49 1 29.9	618	62	
1682	9	20 16.22	29 35 32.0	593	81	
1683	9½	20 16.24	26 15 18.3	590	97	
1684	9½	20 16.38	75 57 26.8	596	37	
1685	8½	20 16.99	45 29 23.4	222	6	
1686	9	20 17.12	26 5 19.8	590	98	
1687	9½	20 17.32	46 34 52.3	233	24	
	9½	17.58	50.5	558	45	
1688	9	20 17.91	25 25 58.4	225	62	
1689	8½	20 19.43	32 2 39.5	602	79	
	8½	19.52	35.9	609	73	
1690	9½	20 20.83	33 59 26.2	141	102	
1691	6	20 21.16	71 6 23.1	238	10	
	6	21.44	25.2	580	114	
1692	9	20 21.55	65 16 10.3	216	66	
1693	9½	20 22.41	39 50 28.5	578	188	
	9	22.64	29.3	576	210	
1694	9	20 24.26	52 8 40.0	542	90	
1695	8	20 24.80	71 5 51.0	238	12	
	8	25.04	51.3	580	113	
1696	9½	20 25.70	32 0 21.7	602	81	
	9	25.84	24.2	609	75	
1697	9	20 25.72	33 57 33.1	141	103	
	8	25.84	33.0	165	49	
1698	10	20 25.90	23 7 27.7	230	62	
1699	8½	20 26.23	41 0 24.4	629	3	
	8	26.26	24.4	620	33	
1700	9	20 26.35	59 7 15.2	179	84	
	8½	26.50	13.9	241	2	
	8½	26.53	15.8	552	3	
	9	26.75	15.0	218	67	
1701	9½	20 28.08	58 6 30.1	218	66	
1702	9½	20 29.29	61 9 18.9	175	82	
1703	9	20 30.41	29 50 3.9	593	80	
1704	9	20 30.59	47 7 39.7	622	25	
	9	30.82	38.6	558	46	
1705	10	20 32.53	37 39 41.4	615	78	
1706	7½	20 33.43	54 54 50.3	546	100	
1707	9	20 34.23	56 12 19.5	544	98	
1708	9½	8 20 34.57	24 16 24.0	603	70	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
1709	7½	8 20 35.03	78 55 32.6	194†	46
	7½	35.67	31.7	596	39
1710	9	20 36.16	80 9 42.2	194†	45
1711	8½	20 36.33	39 45 38.6	576	209
1712	6½	20 37.81	42 21 49.2	625	28
1713	9½	20 38.62	26 1 34.3	590	99
1714	9	20 39.11	34 48 7.3	572	256
1715	8½	20 41.39	29 30 46.9	593	82
1716	9½	20 41.54	65 4 40.8	216	68
1717	9½	20 42.27	43 42 48.9	627	26
1718	9	20 42.48	48 36 43.8	618	65
1719	8½	20 43.25	43 53 40.5	537	222
	8½	43.34	41.1	584	209
	8½	43.37	43.8	627	25
1720	9	20 43.28	25 19 44.4	225	63
1721	9	20 44.18	36 27 43.8	227	39
	9	44.35	42.2	227	38
1722	9	20 45.14	35 17 10.1	612	74
1723	9	20 45.28	29 39 32.3	593	83
1724	8½	20 46.08	26 57 27.5	575	63
1725	8½	20 46.42	23 11 59.1	230	63
1726	8	20 46.51	65 7 18.4	756	71
	8½	46.55	16.0	216	67
1727	9	20 48.52	33 52 22.5	141	104
	8½	48.98	23.9	165	50
1728	9	20 49.51	40 50 37.1	629	4
	9	49.65	37.7	620	34
1729	9½	20 50.13	53 47 54.8	215	89
1730	8½	20 50.32	42 57 29.1	627	24
1731	9	20 50.82	47 2 55.3	558	47
1732	9	20 52.21	38 36 53.6	617	78
1733	9	20 52.32	59 45 60.0	241	7
	9	52.39	59.2	552	7
	8½	52.51	60.2	632	1
1734	9	20 52.42	34 21 8.7	572	258
1735	7½	20 54.96	66 55 60.8	238	13
	8	55.02	58.3	756	70
1736	9	20 54.99	34 24 9.4	572	259
1737	9	20 55.32	53 7 1.9	212	87
	9	55.43	0.5	215	87
1738	8½	20 56.43	39 28 0.3	576	212
1739	8½	20 56.81	49 54 25.3	548	116
1740	9	20 57.81	39 43 15.1	576	211
1741	8½	20 58.20	33 9 20.6	550	14
	9	58.26	23.4	609	76
	9	58.31	22.4	141	105
1742	7½	21 1.40	31 45 46.8	602	82
1743	8	21 2.07	26 44 3.1	590	100
1744	9½	21 2.73	35 44 15.2	612	75
1745	8½	21 2.75	48 36 35.8	622	27
	8½	2.97	35.1	618	63
1746	9½	21 3.47	29 57 25.0	599	85
1747	8½	21 4.55	37 24 2.9	615	79
1748	9	21 4.63	42 15 25.6	625	29
1749	8½	21 4.95	40 33 40.2	578	189
	8½	5.04	39.3	629	5
1750	9½	21 5.39	38 22 7.3	617	80
1751	8½	21 5.60	48 16 9.3	622	26
1752	10	21 7.77	33 8 50.9	609	77
	9	7.79	51.5	550	15
1753	9½	21 7.95	28 57 55.4	204	174
	9½	8.18	54.2	207	169
1754	9	21 9.28	44 45 19.4	584	208
1755	8	21 11.27	53 19 46.2	215	88
	8	11.46	44.7	212	88
1756	8½	21 12.89	48 41 38.1	622	28
	8½	13.08	37.0	618	67
	8½	13.15	37.6	618	64
1757	9½	8 21 13.90	29 24 46.3	593	86
1758	8	8 21 13.97	63 20 10.3	181	69
	8	14.00	11.1	236	10
	8	14.12	12.8	216	71
1759	9½	21 14.22	28 56 3.4	207	168
	9	14.25	2.4	204	173
1760	9	21 14.23	60 43 42.4	175	85
1761	9	21 14.94	52 13 33.9	212	90
	9	15.05	33.7	542	91
1762	8½	21 15.02	48 44 57.8	618	68
1763	7½	21 16.43	55 22 59.6	546	101
1764	9½	21 18.76	27 25 58.5	575	64
1765	9	21 19.52	41 1 41.5	620	35
1766	9	21 20.57	29 57 57.7	599	84
1767	8½	21 20.82	48 43 10.1	618	66
1768	8½	21 20.97	32 32 18.7	609	78
1769	9	21 21.42	44 12 8.3	584	210
1770	9½	21 22.73	40 13 10.8	629	7
1771	9	21 22.77	52 16 2.9	542	92
	9½	22.81	2.7	212	91
1772	9½	21 23.02	26 33 9.2	590	102
1773	9½	21 23.09	29 41 24.2	593	85
1774	8	21 23.23	69 4 15.5	238	14
1775	9	21 23.28	29 36 47.5	593	84
1776	9	21 25.27	41 58 47.1	625	30
1777	10	21 25.33	29 3 10.2	204	175
1778	8	21 25.37	23 23 55.4	230	64
1779	9½	21 26.44	29 21 7.1	593	88
1780	9	21 26.52	38 29 34.3	617	79
1781	8½	21 26.56	39 28 57.1	576	213
1782	9	21 28.91	46 13 34.5	233	25
1783	9	21 29.17	44 21 41.1	584	211
1784	6	21 29.60	41 44 44.1	620	37
1785	7	21 31.89	54 57 27.0	546	102
1786	9½	21 32.11	27 25 29.9	575	65
1787	9½	21 33.12	36 4 4.7	227	40
	9	33.17	4.6	612	76
1788	8½	21 34.20	29 53 14.9	599	86
1789	9	21 34.53	29 21 51.5	593	87
1790	8½	21 35.11	32 48 12.4	609	79
1791	9	21 35.85	26 30 19.8	590	101
1792	9	21 38.34	34 13 46.3	572	261
1793	8½	21 38.97	23 35 42.4	230	65
1794	9	21 39.54	42 30 38.9	625	32
1795	8½	21 40.04	34 14 14.3	572	260
1796	8	21 40.11	71 33 56.0	580	115
1797	8	21 40.31	40 22 34.9	629	6
	8	40.37	37.1	578	190
1798	9½	21 40.40	60 25 32.9	175	84
1799	7	21 41.68	28 48 18.7	204	176
	7	41.83	21.0	207	170
1800	8½	21 41.97	38 31 41.5	617	83
1801	7½	21 42.67	38 38 59.4	617	81
1802	8	21 43.42	38 39 5.3	617	82
1803	4	21 43.43	76 31 25.5	596	38
1804	10	21 44.07	49 32 26.2	548	118
1805	8½	21 44.72	43 36 50.2	627	27
1806	9	21 44.86	46 44 23.0	558	48
1807	9	21 45.37	31 50 5.4	602	83
1808	9	21 48.01	23 40 11.4	230	66
1809	8½	21 48.01	59 31 57.2	552	9
	8½	48.09	58.6	241	6
	8	48.10	60.6	241	9
	8½	48.28	57.7	552	6
	8½	48.28	59.3	179	86
	8½	48.45	59.3	179	85
1810	9	21 48.22	38 27 14.7	617	84
1811	9	8 21 48.87	63 19 36.6	216	70
	9	48.94	33.6	236	11
	8½	48.97	34.8	181	70

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1812	9	8 21 49.15	60 14 34.5	632	2	
1813	9	21 49.16	50 30 28.8	548	117	
1814	9½	21 49.44	42 27 13.3	625	31	
1815	8	21 49.49	31 37 2.5	602	84	
1816	9½	21 49.81	56 34 45.4	544	99	
1817	9½	21 49.91	35 8 28.9	550	18	
1818	9½	21 50.35	26 48 53.8	575	66	
1819	9	21 50.45	41 34 51.3	620	38	
1820	9	21 51.46	40 49 27.3	578	192	
1821	8	21 51.83	31 4 7.9	602	86	
1822	8½	21 51.87	64 46 52.2	756	72	
	9	52.15	50.1	216	69	
1823	9	21 53.12	25 59 56.8	590	104	
1824	10	21 53.24	35 6 35.6	612	78	s. pr.
	9½	53.43	34.5	550	16	
1825	8½	21 53.43	41 43 40.0	620	36	
1826	9	21 54.21	35 6 22.1	612	77	n. sq.
	8½	54.22	21.9	550	17	
1827	9	21 54.72	29 59 35.3	599	87	
1828	9½	21 55.61	56 30 32.8	544	100	
1829	9	21 56.00	51 19 28.2	542	96	s. pr.
1830	9	21 56.53	39 58 42.5	629	8	
1831	8½	21 56.60	33 45 50.6	141	107	
1832	8	21 57.02	34 11 13.4	572	262	
	8½	57.32	10.5	141	106	
	8	57.38	11.1	165	51	
1833	6	21 57.87	51 19 8.2	542	95	n. sq.
1834	8	21 58.14	40 46 38.0	578	191	
1835	9	21 59.46	29 20 41.3	593	89	
1836	9½	22 0.35	52 33 16.2	542	93	
1837	9	22 0.54	23 45 53.9	230	67	
1838	9	22 0.56	47 2 39.2	558	50	
1839	7	22 0.60	55 3 51.4	546	103	
1840	9½	22 3.28	28 20 28.0	204	177	
1841	9	22 3.80	26 7 56.8	590	103	
	9½	3.81	53.6	225	64	
1842	7	22 4.42	31 46 21.9	602	85	
1843	9½	22 5.79	52 15 37.6	212	89	
	9	5.83	35.7	212	92	
	9	5.85	36.0	542	94	
1844	9	22 9.61	45 49 33.6	222	7	
	9½	9.69	33.5	233	26	
1845	9	22 10.19	47 11 53.7	558	49	
1846	8½	22 12.04	24 40 8.5	603	71	
1847	7½	22 12.38	36 16 12.9	227	41	
1848	10	22 13.65	28 17 47.5	204	178	
1849	9	22 13.68	27 15 48.6	575	68	
1850	7½	22 14.85	55 20 25.3	546	104	
1851	7	22 14.90	31 15 42.4	602	87	
1852	8	22 15.47	48 1 25.6	622	29	
	8	15.55	28.3	622	30	
1853	8½	22 17.56	55 19 17.8	546	105	
1854	9½	22 17.71	33 2 32.8	141	108	
	9	17.75	31.6	609	82	
1855	9½	22 18.43	43 5 22.9	625	35	
1856	9	22 19.12	43 32 13.7	627	28	
1857	7½	22 19.57	42 6 48.6	620	39	
1858	9	22 19.87	36 15 38.8	227	42	
1859	9	22 19.96	43 33 26.4	627	29	
1860	9	22 20.69	42 17 9.5	625	36	
1861	8	22 20.74	39 0 7.1	576	214	
	8½	21.04	7.6	617	85	
1862	8	22 20.88	42 59 54.6	625	34	
1863	9	22 21.62	42 27 40.8	625	33	
1864	8½	22 21.92	27 2 14.8	575	67	
1865	10	22 22.92	24 32 54.3	603	72	
1866	8½	22 23.98	39 56 43.7	576	215	
	8½	24.11	42.5	629	9	
1867	8	22 24.03	37 31 58.8	615	80	
1868	8	8 22 24.34	24 28 44.3	603	73	
1869	9	8 22 24.50	59 50 7.7	552	8	
	9	24.57	9.3	241	8	
	9	24.71	10.8	632	4	
1870	9	22 24.97	49 31 53.7	548	119	
	9	25.12	55.4	618	70	
1871	9	22 27.64	56 21 20.5	544	101	
1872	9	22 27.82	36 14 34.8	227	44	
1873	7½	22 27.93	47 41 25.1	622	31	
1874	8½	22 28.84	39 58 34.9	576	216	
	8½	28.89	35.9	629	10	
1875	8½	22 28.88	30 13 42.8	599	88	
1876	7½	22 29.19	34 17 7.7	572	263	
	8	29.42	7.0	165	52	
1877	9	22 30.85	44 26 21.5	584	212	
1878	8	22 32.81	47 46 31.8	622	32	
1879	9	22 32.85	29 0 46.3	593	90	
	9	33.02	47.3	207	171	
1880	8½	22 33.27	71 48 12.8	580	118	
1881	10	22 33.92	54 19 38.8	215	91	
1882	10	22 34.71	37 31 11.5	615	81	
1883	7	22 35.34	25 43 11.4	225	65	
1884	9½	22 36.66	43 28 38.5	627	30	
1885	9	22 36.83	42 16 19.2	625	37	
1886	7½	22 37.08	31 34 54.7	602	88	
1887	9	22 37.47	45 10 23.2	222	8	
1888	9	22 39.83	32 51 19.5	141	109	
	9	39.88	16.3	609	80	
1889	9½	22 40.57	24 3 13.3	603	74	
1890	8½	22 41.18	54 22 52.7	215	90	
1891	8½	22 41.75	40 39 31.5	578	193	
1892	9½	22 41.75	34 52 30.3	612	79	
1893	8½	22 41.85	48 16 45.5	618	69	
1894	9½	22 42.06	23 10 36.9	230	68	
1895	7	22 42.17	57 43 24.4	218	68	
1896	9	22 42.56	49 36 57.4	548	120	
	9	42.63	59.0	618	71	
1897	9	22 43.13	43 27 7.9	627	31	
1898	8½	22 43.52	34 36 56.9	550	19	
1899	9	22 44.71	30 10 27.5	599	89	
1900	8½	22 46.41	32 58 12.9	609	81	
	8½	46.49	12.8	141	110	
1901	9½	22 46.81	44 26 52.4	584	213	
1902	9	22 46.86	47 1 40.7	558	51	
1903	9	22 47.74	34 6 17.0	572	264	
1904	9½	22 47.96	43 27 22.3	627	32	
1905	8½	22 49.51	41 4 31.7	629	12	
1906	9	22 49.64	34 44 7.9	572	267	
	9	49.76	7.1	550	23	
	9	49.81	5.8	550	20	
1907	9	22 49.77	26 35 23.7	590	105	
1908	8½	22 51.31	36 15 43.7	227	43	
1909	9½	22 51.53	46 23 46.2	233	27	
1910	9½	22 52.02	35 59 0.0	612	80	
1911	8	22 53.48	43 49 13.8	627	33	
1912	8½	22 54.27	50 59 2.2	548	122	
1913	9	22 54.99	41 18 50.8	620	41	
1914	9½	22 55.11	34 36 10.8	550	21	
1915	10	22 55.39	37 20 19.0	615	82	
1916	9	22 55.58	40 8 51.2	629	11	
	9	55.62	50.2	576	217	
1917	10	22 55.64	62 42 8.6	181	72	
	9	56.13	13.2	236	13	
1918	9½	22 56.48	59 33 34.4	552	10	
1919	8	22 56.91	72 33 17.5	580	116	
1920	8½	22 57.00	47 49 5.4	622	33	
1921	6½	22 58.12	52 23 46.8	212	93	
	6½	58.24	46.3	542	97	
1922	7½	22 58.24	27 9 6.0	575	69	
	8	58.28	6.8	590	106	
1923	8	8 22 59.24	39 13 33.2	634	1	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1924	9	8 23 0.01	54 44 7.9	546	106	
	9½	0.04	6.1	215	92	
1925	9½	23 1.—	40 40 12.9	578	194	
1926	9	23 3.43	58 49 32.3	241	10	
1927	10	23 3.88	61 45 45.9	175	87	
1928	9	23 4.66	44 48 23.3	584	214	
1929	9	23 6.18	54 39 22.2	215	93	
1930	9	23 6.81	34 11 19.4	572	265	
1931	9½	23 6.91	28 2 9.7	204	180	
1932	6	23 9.12	34 42 4.1	572	266	dpl. IV. n. pr.
	6½	9.18	1.5	165	53	
	6	9.34	4.2	550	22	
1933	8½	23 10.45	44 41 38.2	584	216	
1934	8½	23 10.56	31 58 20.0	609	84	
	8½	10.63	21.6	602	89	
1935	8	23 11.56	60 56 14.9	175	86	
1936	9	23 11.92	28 54 51.2	593	91	
	9	12.02	53.8	207	172	
1937	9	23 12.59	41 44 6.7	620	40	
1938	9	23 13.05	26 27 48.0	590	107	
1939	9	23 13.25	35 1 13.9	550	26	
1940	9	23 13.27	63 40 33.9	756	73	
	9	13.47	31.8	181	71	
1941	9½	23 16.20	33 0 24.1	609	83	
1942	8	23 16.27	23 24 53.8	230	69	
1943	9	23 17.38	49 38 48.5	618	72	
	9	17.47	47.9	548	121	
1944	8½	23 18.02	44 12 29.9	584	217	
1945	9	23 18.67	27 56 41.3	575	70	
	9½	18.83	43.5	204	181	
1946	9	23 19.57	29 36 35.3	593	92	
1947	8½	23 19.96	72 24 9.9	580	117	
1948	9½	23 20.00	51 45 28.5	542	100	
1949	9	23 20.36	28 17 30.5	204	179	
	9	20.47	29.6	207	173	
1950	9	23 22.54	57 29 29.5	544	102	
	9	22.56	31.1	544	106	
	9	22.59	32.1	218	69	
1951	9½	23 23.39	51 42 43.9	542	99	
1952	9	23 23.53	59 43 10.4	552	11	
	9	23.70	10.6	632	3	
1953	7½	23 23.83	50 42 57.5	548	123	
1954	9½	23 24.37	46 26 19.4	233	28	
1955	9	23 26.67	42 23 24.4	625	39	
1956	8½	23 27.72	45 7 34.4	584	218	
	8½	27.90	34.0	222	9	
1957	8½	23 28.49	36 18 39.8	227	45	
1958	7½	23 29.01	34 45 14.9	572	268	
	7½	29.30	13.7	550	24	
	8	29.46	10.6	165	54	
1959	9	23 29.67	49 25 32.7	618	73	
1960	9½	23 30.33	33 12 15.3	141	111	
1961	7	23 30.42	52 17 28.8	212	94	
	7	30.63	25.7	542	98	
1962	9½	23 30.84	23 25 20.7	230	70	
1963	9	23 31.55	37 19 0.8	615	83	
1964	8½	23 31.56	39 41 19.7	634	2	
	9	31.59	18.9	576	219	
1965	8½	23 32.65	62 29 11.4	236	12	
1966	9½	23 32.96	25 3 25.1	603	75	
	9½	32.97	26.6	225	66	
1967	7½	23 34.49	40 49 54.5	629	13	
	7½	34.78	53.5	578	195	
1968	9	23 35.66	48 14 9.3	618	77	
	9	35.79	8.6	622	34	
1969	9	23 35.80	41 15 37.0	620	42	
1970	9	23 36.02	44 51 13.1	584	215	
1971	9	8 23 36.91	40 49 39.6	629	15	
	9½	36.93	37.3	578	196	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1972	7½	8 23 36.98	54 57 1.4	546	107	
1973	9	23 37.01	27 4 12.3	590	108	
1974	8½	23 37.44	56 53 24.2	544	104	
1975	9½	23 37.62	35 8 30.5	550	25	
1976	9	23 38.25	25 9 6.8	225	67	
1977	9	23 38.89	69 17 19.8	238	15	
1978	9	23 39.09	33 25 57.2	141	112	
1979	9	23 41.14	48 21 46.7	622	35	
	9	41.26	46.6	618	76	
1980	9½	23 41.53	63 42 49.3	756	74	
1981	9	23 42.17	59 20 48.9	241	12	
1982	8½	23 42.26	38 33 28.2	617	86	
1983	8	23 45.14	29 32 9.9	593	93	
1984	8½	23 45.20	72 44 7.7	580	121	
1985	9	23 46.10	49 20 31.0	618	74	
1986	8½	23 46.12	59 1 28.7	552	12	
	9	46.13	30.6	241	11	
	8½	46.23	28.7	179	87	
	8½	46.30	30.5	179	89	
1987	9	23 46.44	39 41 47.1	634	4	
	9	46.44	44.7	576	218	
1988	9½	23 46.70	57 25 43.7	544	105	
	9½	46.80	44.6	218	70	
	9½	46.87	44.8	544	103	
1989	7½	23 47.58	54 55 13.0	546	108	
1990	9	23 47.95	41 25 14.6	620	43	
1991	9	23 49.04	42 26 9.0	625	38	
1992	9½	23 49.53	37 14 56.6	615	84	
1993	8½	23 49.82	47 15 40.5	622	37	
1994	9½	23 50.22	49 55 6.7	548	125	dpl. II. n. sq.
1995	10	23 50.78	63 18 41.0	216	72	
1996	8	23 51.15	34 18 60.7	550	27	
	8	51.15	59.6	572	269	
	8½	51.38	59.4	165	55	
1997	9½	23 51.41	38 20 28.8	617	88	
1998	7½	23 51.63	41 49 2.0	620	44	
1999	9	23 51.71	71 35 54.9	580	119	
2000	8½	23 53.11	30 26 3.0	599	90	
2001	8	23 53.56	28 16 24.5	204	182	
	8	53.75	25.4	207	174	
2002	9½	23 53.71	30 22 4.9	599	92	
2003	9½	23 54.17	46 40 31.2	233	29	
2004	9	23 56.20	36 7 59.3	227	46	
	9	56.20	58.9	612	81	
2005	9½	23 56.26	34 8 4.1	141	113	
	9	56.31	8.6	550	29	
2006	8½	23 56.62	38 40 43.2	617	87	
2007	9	23 57.58	49 11 24.9	618	75	
2008	8½	23 57.75	43 48 30.9	627	34	
	8½	57.75	33.2	627	35	
2009	9	23 58.67	27 21 29.2	575	72	
2010	7½	23 59.47	28 14 59.9	204	183	
	7½	59.75	59.7	207	175	
2011	8½	23 59.60	53 38 15.8	215	95	
2012	8½	23 59.76	27 22 42.7	575	71	
2013	9	24 3.38	29 3 4.1	593	94	
2014	9	24 4.09	26 30 21.2	590	109	
2015	9	24 4.11	55 50 55.9	546	110	
2016	8	24 4.60	64 2 17.6	216	74	
	8½	4.64	18.9	756	76	
2017	9	24 4.72	29 0 25.2	593	95	
2018	9	24 5.27	33 2 43.5	609	85	
2019	9	24 5.40	34 4 43.0	550	30	
2020	8½	24 6.03	49 41 10.2	618	78	
	8	6.05	8.2	548	126	
2021	9	24 6.07	58 56 4.9	552	14	
	9	6.14	4.1	241	14	
2022	6½	8 24 8.84	64 11 20.9	756	75	
	6½	8.89	21.8	216	73	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2023	7½	8 24 9.—	40 45 35.1	578	199	
	7½	9.58	32.3	629	14	
2024	5½	24 10.94	52 40 30.8	542	101	
	5½	10.97	30.3	212	95	
2025	8½	24 11.78	29 57 5.6	599	91	
2026	7	24 12.12	26 54 57.5	575	73	
	7	12.21	56.5	590	110	
2027	9	24 12.57	25 29 50.4	225	68	
2028	9½	24 13.—	39 51 42.6	578	197	
2029	9	24 13.83	39 38 5.8	576	220	
	9	13.95	6.6	634	5	
	9	13.96	8.0	634	3	
2030	7	24 14.14	54 35 50.0	215	94	
	7	14.19	50.4	546	109	
2031	8½	24 14.24	47 15 33.3	622	36	
2032	9	24 15.45	39 31 58.8	634	6	
2033	9	24 15.80	42 3 5.8	625	40	
2034	9	24 15.99	60 14 31.3	241	16	
	9	16.03	27.9	179	88	
	9	16.03	29.1	632	5	
2035	9½	24 16.27	60 59 32.8	175	90	
2036	9½	24 17.43	45 15 10.2	222	10	
2037	9½	24 18.—	39 52 50.7	578	198	
2038	5	24 21.02	77 4 49.5	194†	48	
	5	21.34	48.8	596	40	
2039	8½	24 21.85	41 7 4.3	629	16	
	8½	22.00	5.9	620	45	
2040	4	24 22.14	65 43 11.8	756	77	
	4	22.37	9.7	216	75	
2041	8½	24 22.39	24 29 41.0	603	76	
2042	8½	24 22.91	77 55 27.2	596	41	
	8½	23.08	28.0	194†	47	
2043	8½	24 23.13	46 32 25.0	558	53	
	8½	23.30	24.1	233	30	
2044	9	24 24.31	42 10 7.4	625	42	
2045	9	24 25.67	59 8 5.2	552	15	
	9	25.70	5.6	552	13	
	9	25.74	5.1	241	13	
	9	25.78	5.4	179	90	
	9½	26.15	4.3	218	72	
2046	8	24 26.40	50 49 12.7	548	124	
2047	8½	24 26.63	23 7 21.3	230	71	
2048	10	24 29.01	24 26 58.4	603	78	
2049	9	24 29.30	42 47 8.8	625	43	
2050	6½	24 30.34	42 10 18.2	625	41	
	6½	30.64	20.0	620	47	
2051	9	24 30.45	26 47 47.2	590	111	
2052	8	24 31.60	45 8 2.2	222	12	
	8½	31.83	2.6	584	219	
2053	9½	24 31.80	60 3 15.9	632	6	
2054	8½	24 33.13	75 56 55.6	194†	51	
2055	8½	24 33.15	47 1 29.6	558	52	
2056	9	24 33.55	31 18 29.4	602	90	
2057	10	24 33.64	33 8 35.7	609	86	
2058	8½	24 34.31	34 16 57.6	165	56	
	8	34.34	58.4	572	270	
	8	34.49	58.2	550	28	
2059	10	24 36.89	35 58 6.0	227	47	
2060	8½	24 37.34	33 50 41.1	141	114	
2061	9	24 40.58	29 16 9.5	593	96	
2062	9	24 40.82	45 19 7.3	222	11	
2063	9	24 40.82	24 28 3.9	603	77	
2064	9	24 41.74	52 20 41.0	212	96	
	8½	41.78	41.4	542	102	
2065	9½	24 42.07	49 47 50.0	548	127	
2066	9	24 42.49	62 1 46.2	175	88	
2067	9	24 43.49	26 38 5.2	590	113	
2068	8	24 45.48	29 54 31.8	599	93	
	8	45.69	28.0	593	98	
2069	8½	8 24 45.85	32 19 55.3	609	89	
2070	9	8 24 45.90	39 47 54.9	634	8	
	9	46.08	52.1	576	221	
2071	8½	24 47.29	43 49 22.8	627	36	
2072	9	24 48.46	33 38 46.7	141	115	
2073	9	24 49.14	26 36 57.0	590	114	
2074	6½	24 49.96	43 30 11.8	627	39	
2075	9	24 50.—	40 43 17.9	578	200	
	9	50.08	20.2	629	18	
2076	9	24 50.86	28 14 31.6	204	184	
	9	50.95	31.4	207	177	
2077	9	24 51.66	58 51 4.0	241	15	
2078	6½	24 52.63	43 44 39 6	627	37	
2079	9	24 52.80	38 11 56.6	617	90	
	9½	52.98	55.9	615	85	
2080	9	24 53.34	29 12 16.5	593	97	
	9	53.60	13.9	207	176	
2081	9	24 53.37	46 21 19.4	233	32	
2082	9½	24 53.66	31 9 46.1	602	91	
2083	8½	24 54.23	26 39 9.4	590	112	
2084	8½	24 54.36	24 0 11.3	230	72	
2085	9½	24 56.40	38 15 12.4	617	91	
2086	9	24 56.80	60 34 30.2	179	91	
	8½	56.87	32.1	241	18	
	8½	56.90	30.0	632	7	
	8½	56.93	29.3	175	91	
2087	9	24 56.88	38 11 21.0	615	86	
	8½	57.10	20.9	617	89	
2088	8½	24 57.57	51 7 28.5	542	104	
2089	8½	24 58.05	69 26 22.2	238	16	
2090	10	24 58.07	52 29 24.5	212	99	
2091	8	24 58.68	45 8 26.1	222	13	
	8½	58.75	27.5	584	220	
2092	9	24 58.76	43 32 56.7	627	40	
2093	10	24 59.53	25 36 45.3	225	70	
2094	8	24 59.97	25 37 16.9	225	69	
2095	10	25 2.32	52 29 49.1	212	98	
2096	9	25 4.18	61 40 21.3	175	89	
2097	9	25 4.36	49 6 20.1	618	80	
2098	8	25 4.79	73 45 25.6	636	1	
2099	9½	25 5.97	39 48 42.4	576	222	
	9	6.11	43.7	634	7	
2100	8½	25 6.17	47 37 16.1	622	40	
2101	9½	25 6.39	54 3 38.7	215	97	
2102	9½	25 6.72	52 2 36.8	542	103	
2103	9	25 7.16	28 17 18.9	204	186	
	9	7.35	17.7	207	179	
2104	9	25 7.50	33 45 37.3	141	116	
2105	6	25 7.99	47 30 44.9	622	38	dpl. II. n. sq.
2106	8½	25 8.30	35 7 16.1	550	31	
	8½	8.48	16.7	165	57	
2107	9	25 8.42	57 19 45.9	544	107	
	9½	8.56	43.2	218	71	
2108	9½	25 8.77	30 3 47.1	593	99	
	9½	8.97	45.8	599	95	
2109	9½	25 9.10	37 7 11.5	615	87	
2110	9	25 9.11	47 30 30.5	622	39	
2111	9½	25 9.79	45 2 54.1	222	14	
	9	9.88	53.1	584	221	
2112	8	25 10.—	41 6 26.3	578	201	
	8	10.75	23.1	629	17	
	8	10.94	26.6	620	46	
2113	8½	25 11.82	32 39 19.8	609	87	
2114	9½	25 12.50	24 4 8.6	603	79	
	9½	12.54	10.1	230	73	
2115	10	25 12.62	25 40 59.3	225	71	
2116	9	25 13.76	28 14 12.0	204	185	
	9	13.81	13.4	207	178	
2117	8½	25 14.59	71 18 38.7	580	120	
2118	9½	25 15.19	37 10 21.0	615	88	
2119	6	8 25 15.20	44 18 25.8	584	222	dpl. II. s.

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2120	9½	8 25 16.25	35 25 52.9	612	83	
2121	8½	25 17.36	55 37 28.8	546	111	
2122	9	25 17.81	30 5 37.8	593	100	
	9	17.89	40.0	599	94	
2123	9½	25 17.84	31 32 1.6	602	92	
2124	8½	25 17.91	42 54 56.3	625	44	
2125	9½	25 18.98	46 28 33.7	233	31	
2126	8½	25 19.61	42 4 59.9	620	48	
2127	9	25 19.66	41 22 20.4	620	49	
2128	9	25 20.19	49 5 15.6	618	79	
2129	8	25 22.55	43 40 55.0	627	38	
2130	9	25 22.89	35 21 51.7	612	82	
2131	8	25 22.93	27 24 52.2	575	74	
2132	9	25 22.94	24 54 59.1	225	72	
2133	9½	25 23.56	45 8 5.0	222	15	
2134	9	25 23.62	25 0 54.2	225	73	
2135	8½	25 23.63	32 19 28.3	609	88	
2136	8	25 23.71	54 4 56.3	215	96	
2137	9	25 25.87	43 55 44.1	625	41	
2138	9	25 27.24	52 32 37.9	212	97	
2139	9	25 27.37	28 8 48.5	207	180	
	9	27.40	49.2	204	187	
	9	27.52	48.2	575	75	
2140	6	25 27.88	31 44 26.7	602	93	
2141	9	25 31.41	49 49 56.6	548	128	
2142	9	25 32.33	55 32 53.8	546	112	
2143	9	25 33.79	29 14 56.7	593	101	
2144	8	25 35.50	76 1 18.5	194†	49	
2145	8½	25 36.92	45 29 11.7	222	16	
2146	10	25 37.58	60 32 15.2	632	8	p
2147	9	25 38.24	26 15 32.0	590	115	
2148	8½	25 38.30	57 23 31.7	544	108	
	9	38.44	32.0	218	73	
2149	9	25 38.32	28 9 4.8	204	188	
	8½	38.40	5.5	575	76	
	8½	38.43	6.0	207	181	
2150	9½	25 38.59	39 23 5.3	634	9	
2151	9	25 38.85	36 18 2.3	227	48	
2152	8½	25 39.05	44 19 30.2	584	223	
2153	6½	25 40.90	45 54 49.9	233	33	
2154	9	25 40.97	47 30 37.7	622	41	
2155	9½	25 41.38	69 37 26.9	238	19	
2156	9	25 41.43	43 52 52.5	627	43	
2157	8½	25 41.60	76 1 37.3	194†	50	
2158	8½	25 43.75	52 50 33.3	212	101	
2159	9½	25 44.06	42 12 13.3	625	46	
2160	7	25 44.73	36 18 6.0	227	49	red
2161	7½	25 44.75	30 42 52.3	599	96	
2162	8	25 45.04	23 30 3.0	230	74	
2163	9	25 45.04	32 50 34.1	550	32	
	9½	45.32	36.5	609	91	
2164	8½	25 47.10	47 36 29.3	622	42	
2165	9½	25 47.99	23 37 31.9	230	75	
2166	8	25 48.63	57 57 9.9	218	75	
2167	9	25 48.64	46 34 40.8	558	54	
2168	9	25 48.72	48 58 39.9	618	81	
	9	48.86	41.3	618	82	
2169	8	25 48.77	36 9 16.6	227	50	
	8½	48.81	16.0	612	84	
2170	8	25 49.03	45 23 34.0	222	17	
2171	9	25 51.55	64 20 39.2	216	76	
2172	8½	25 51.69	29 37 6.3	593	102	
2173	9	25 52.17	43 52 32.4	627	42	
2174	9	25 54.48	30 23 9.4	599	97	
2175	9½	25 54.72	26 12 26.6	590	116	
2176	9	25 54.98	33 13 28.4	141	118	
	7½	55.15	27.8	550	34	
2177	8	8 25 58.90	32 51 34.4	550	33	
	8½	58.94	35.2	609	90	
	9	58.96	32.8	141	117	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2178	9	8 25 58.91	52 38 6.8	212	100	
2179	8	26 0.08	31 19 24.0	602	94	
2180	8½	26 1.15	42 45 22.2	625	48	
2181	8½	26 2.45	33 12 52.9	550	35	
	10	2.69	51.0	141	119	
2182	9	26 2.70	60 55 42.6	175	94	
2183	9	26 3.29	65 41 31.4	756	78	
2184	7	26 3.—	40 5 29.2	578	202	
	7	3.44	30.5	576	223	
	7½	3.52	31.0	634	11	
	7	3.55	29.6	629	19	
2185	8½	26 3.53	42 13 34.7	625	45	
2186	9	26 3.82	28 0 3.5	204	189	
	8½	3.98	4.4	575	77	
	9	4.09	5.5	207	182	
2187	9	26 5.88	57 25 2.2	544	109	
2188	9½	26 7.16	57 44 5.1	218	74	
2189	8	26 7.48	25 15 41.6	225	75	
2190	7½	26 7.—	40 4 48.6	578	203	
	7½	7.61	48.0	629	20	
	7½	7.63	47.6	576	224	
	7½	7.81	48.7	634	10	
2191	9	26 8.04	42 29 24.0	625	47	
2192	9	26 8.65	34 49 23.3	612	85	
2193	7	26 9.82	53 47 37.0	215	98	
2194	7½	26 10.15	59 42 16.3	241	17	
	7½	10.39	16.9	632	9	
	7½	10.52	16.3	179	92	
	7½	10.52	16.0	552	16	
2195	9½	26 11.35	60 45 10.9	175	93	
2196	8½	26 13.54	25 22 31.0	225	76	
2197	8	26 13.65	23 7 0.2	230	76	
2198	9½	26 15.48	33 45 9.1	550	37	
2199	9	26 16.50	43 31 15.8	627	44	
2200	9	26 18.13	25 4 50.4	225	74	
	9	18.21	50.9	603	80	
2201	9½	26 18.42	37 39 17.1	615	90	
2202	9½	26 18.95	28 38 14.2	204	190	
2203	9½	26 19.11	63 12 47.3	236	14	
2204	7½	26 19.96	41 5 43.0	620	50	
2205	9	26 20.09	60 40 30.2	241	19	
	9½	20.46	29.5	175	95	
	9	20.73	29.1	175	92	
2206	9½	26 20.45	38 32 4.0	617	92	
2207	9	26 21.94	26 0 23.0	590	117	
2208	7	26 22.90	54 46 15.8	546	113	
	7	22.94	16.8	215	101	
2209	8	26 23.48	54 59 55.4	546	114	
2210	9½	26 24.10	53 51 40.0	215	99	
2211	8½	26 25.19	42 45 23.0	625	49	
2212	7	26 26.28	44 19 0.4	584	224	
2213	8½	26 26.68	37 8 44.2	615	89	
2214	9	26 28.06	41 57 16.8	620	51	
2215	9½	26 28.52	38 36 7.4	617	93	
2216	9½	26 28.81	56 25 32.1	544	111	
2217	8	26 28.97	33 37 23.7	550	36	
2218	9	26 28.98	39 47 37.8	576	225	
	9	29.15	39.3	634	12	
2219	7½	26 29.26	38 38 25.0	617	94	
2220	9	26 32.20	27 1 1.2	575	78	
2221	8½	26 33.49	69 19 47.3	238	17	
2222	8½	26 33.80	51 40 40.1	542	106	
2223	7	26 34.98	50 42 55.9	548	130	
2224	9½	26 35.02	45 27 15.9	222	18	
2225	9½	26 35.87	28 36 22.1	204	191	
2226	8	26 36.21	50 32 60.7	548	131	
	8	36.22	58.8	548	129	
2227	9	26 36.23	29 47 1.5	593	104	
2228	9½	26 36.45	35 46 40.1	612	86	
2229	9	8 26 37.96	31 25 4.1	602	95	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2230	9	8 26 38.65	26 16 52.5	590	118	
2231	9	26 39.08	51 43 15.3	542	105	
2232	10	26 39.22	60 32 12.9	175	97	
2233	8	26 39.65	36 16 9.6	227	52	dpl. II. n. pr.
2234	9	26 40.35	25 16 20.7	225	77	
2235	9	26 41.17	42 44 56.8	625	50	
2236	9	26 42.04	44 11 37.3	584	225	
2237	8	26 43.87	54 24 26.3	546	115	
	8½	44.09	27.6	215	100	
2238	9	26 45.28	32 59 9.1	609	92	
2239	8½	26 45.41	34 46 31.4	550	39	
2240	9	26 45.71	66 21 25.7	756	79	
2241	9	26 46.08	29 45 28.5	593	103	
2242	7	26 47.03	74 29 58.0	580	122	
	7	47.21	59.8	636	2	
2243	9½	26 47.62	26 23 52.3	590	119	
2244	6½	26 47.80	38 38 35.0	617	95	dpl. II. s. sq.
2245	9	26 48.25	41 37 39.7	620	52	
2246	9½	26 48.42	28 10 44.2	204	192	
	10	48.58	40.1	207	183	
2247	9	26 48.52	36 8 58.3	612	87	
	9	48.64	56.3	227	53	
	8½	48.73	55.3	227	51	
2248	8½	26 49.42	40 32 28.1	629	23	
2249	8½	26 49.65	27 4 15.3	575	79	
2250	9	26 50.17	40 44 28.8	629	22	
	9	50.21	31.9	629	25	
2251	9½	26 51.03	40 2 5.2	629	21	
	9	51.14	9.5	634	13	
2252	8	26 51.88	28 56 38.8	593	105	
	8	51.98	35.2	207	184	
2253	8½	26 53.63	56 30 33.2	544	110	
2254	9	26 54.87	30 37 31.9	599	98	
2255	9½	26 55.17	32 9 38.0	609	93	
2256	8½	26 56.00	59 45 36.9	241	20	
	8	56.07	35.6	632	10	
	8½	56.16	36.4	179	93	
	8	56.18	36.0	552	17	
2257	9	26 58.25	44 4 38.7	627	45	
	9	58.25	39.6	584	227	
2258	6	26 58.34	69 40 40.7	238	18	
2259	8	26 58.59	74 25 2.9	636	3	
	8	58.62	1.3	580	123	
2260	9	26 59.50	44 9 4.9	584	226	
2261	7½	27 0.47	31 17 21.3	602	96	
2262	9½	27 2.41	27 4 16.9	575	81	
2263	9	27 3.07	44 1 58.8	627	48	
2264	9½	27 5.11	60 41 24.1	175	96	
	9	5.19	27.4	241	21	
	9½	5.26	25.1	175	98	
2265	9	27 5.38	26 26 36.5	590	120	
2266	9	27 6.00	47 40 4.3	622	43	
2267	7½	27 11.04	50 25 54.4	548	132	
2268	9	27 11.30	33 50 38.7	550	38	
2269	7½	27 12.16	47 26 38.2	558	55	
	7	12.40	41.8	622	44	
2270	9½	27 12.39	44 5 42.0	584	228	
2271	9	27 12.89	40 45 43.2	629	26	
2272	8	27 12.96	46 5 45.0	233	34	
	8	13.00	44.3	222	19	
2273	9	27 13.48	27 0 40.6	575	80	
2274	7	27 13.56	71 7 30.5	636	4	
2275	9½	27 14.98	45 26 20.9	222	21	
2276	9½	27 15.61	78 15 59.0	596	42	
2277	9½	27 15.66	23 55 33.4	230	77	
	9½	15.75	35.8	603	82	
2278	9	27 15.95	48 45 50.1	618	83	
2279	9½	27 18.02	60 22 53.6	632	11	
2280	8½	8 27 18.75	23 53 10.4	603	81	
	8½	18.83	11.6	230	78	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
2281	9½	8 27 18.98	32 9 4.2	609	94
2282	7½	27 20.00	38 38 36.9	617	96
2283	8½	27 21.76	47 1 20.0	558	57
2284	8½	27 22.37	41 36 38.1	620	53
2285	9½	27 22.67	28 33 19.6	207	187
2286	9½	27 23.15	23 47 22.6	230	79
2287	8	27 23.22	62 51 28.8	236	15
2288	9½	27 23.32	56 19 48.4	544	112
2289	9½	27 23.76	49 57 20.3	548	133
2290	9	27 24.44	43 59 40.2	627	46
	8½	24.54	37.6	584	230
2291	9½	27 27.18	35 18 12.8	612	88
2292	7	27 28.39	45 21 46.2	222	20
2293	7½	27 28.81	31 48 36.4	602	97
2294	8½	27 29.10	48 19 36.1	618	84
2295	9	27 29.74	25 58 48.8	590	122
2296	9	27 30.61	51 21 9.6	542	107
2297	8½	27 30.80	43 26 15.2	627	49
2298	9	27 32.14	60 17 36.9	179	94
	9	32.15	38.0	241	22
	9	32.20	37.4	632	12
2299	9	27 32.84	47 29 26.9	622	45
2300	9	27 34.08	41 52 17.7	620	55
	9	34.08	16.7	625	52
2301	8½	27 34.86	37 29 39.8	615	91
2302	8½	27 35.13	52 15 46.0	542	108
	9	35.17	45.6	212	103
2303	7½	27 35.51	39 31 45.1	576	226
	7½	35.58	47.7	634	15
2304	9	27 35.81	28 27 32.6	207	186
2305	9½	27 35.91	26 0 46.8	590	121
	9	35.99	46.7	590	123
2306	8	27 36.16	28 25 52.3	244	1
	8	36.35	51.1	207	185
2307	9	27 36.59	42 18 0.2	625	51
2308	7	27 38.09	46 49 4.6	558	56
2309	9½	27 38.29	52 30 59.4	212	102
2310	9	27 38.52	43 58 51.2	627	47
	8½	38.55	49.6	584	229
2311	9½	27 39.76	37 35 2.6	615	92
2312	6½	27 41.66	24 10 52.8	603	83
2313	9½	27 42.64	59 5 24.0	552	18
2314	9	27 43.18	38 46 6.9	617	97
2315	9	27 43.31	58 47 30.9	218	76
2316	9	27 44.46	47 23 29.0	622	46
2317	9	27 44.76	40 42 5.8	629	24
	9	44.88	8.1	629	27
2318	9½	27 45.17	50 9 50.4	548	134
2319	8	27 46.04	53 40 15.4	215	102
2320	9½	27 46.09	38 39 27.5	617	98
2321	8½	27 47.69	51 13 48.4	542	109
2322	9	27 48.67	23 38 20.3	230	82
2323	8½	27 49.08	61 38 46.7	175	100
2324	8	27 49.93	33 8 2.5	550	41
	8½	50.07	6.1	609	96
2325	9½	27 50.08	32 1 22.4	609	95
2326	9½	27 50.12	25 36 50.2	225	79
2327	8	27 50.30	68 11 50.5	238	20
2328	7½	27 50.99	41 24 32.6	620	54
	7½	51.05	36.5	620	56
2329	9	27 51.75	23 36 25.7	230	81
2330	9½	27 54.61	28 6 48.2	575	82
	10	54.65	47.5	204	194
2331	9½	27 54.63	37 33 34.5	615	93
2332	8½	27 55.37	28 11 53.4	204	193
	8½	55.51	54.3	204	196
2333	9	27 56.01	29 33 0.6	593	107
2334	8	27 56.18	23 45 30.9	230	80
2335	9	8 27 56.26	39 5 11.3	634	14
	9	56.37	11.2	617	99

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2336	9	8 27 57.16	25 45 39.0	225	78	
2337	7	27 58.70	31 6 8.1	602	98	
	7	58.90	8.3	599	99	
2338	9	27 59.08	48 20 40.8	618	85	
2339	8½	28 0.04	37 2 42.1	227	54	
2340	8½	28 0.43	39 20 8.3	634	17	
2341	8	28 0.47	46 54 14.0	622	47	
	8	0.51	13.5	558	58	
2342	8	28 0.77	39 47 31.0	576	227	
2343	9½	28 1.40	28 27 12.8	244	2	
2344	8	28 1.60	43 30 29.4	627	50	
2345	8½	28 1.69	28 58 14.1	204	195	
	8½	1.73	14.9	593	106	
	8½	1.81	14.2	593	109	
	8	1.81	14.4	207	188	
2346	9	28 3.97	63 20 30.3	756	80	
	9½	4.29	30.6	216	77	
2347	7	28 5.39	34 12 32.3	550	40	
2348	10	28 6.44	59 44 5.1	552	20	
2349	9	28 6.69	39 42 20.6	576	228	
2350	9½	28 6.73	55 35 26.8	546	116	
2351	9	28 7.00	59 10 4.0	552	19	
	9	7.14	7.7	552	21	
	9	7.27	6.4	241	23	
2352	8½	28 7.30	29 31 53.8	593	108	
2353	7	28 9.07	53 58 8.3	215	103	
2354	9½	28 10.42	31 21 1.2	602	99	
2355	9	28 10.91	39 9 43.2	634	18	
	9½	11.01	43.7	617	100	
2356	9	28 11.06	42 52 31.0	625	55	
2357	9½	28 12.19	67 54 53.3	238	21	
2358	8	28 12.32	45 36 20.6	222	23	
2359	9½	28 12.45	40 14 24.0	629	28	
2360	9	28 13.00	55 34 44.5	546	117	
2361	9	28 13.46	42 21 47.4	625	53	
2362	8½	23 13.71	37 45 1.6	615	94	
2363	8	28 14.95	45 21 36.3	222	22	
2364	8½	28 15.18	47 50 52.6	622	50	
2365	9	28 17.49	57 24 54.8	544	113	
	9	17.67	52.7	218	77	
2366	8½	28 17.54	25 19 3.6	225	80	
2367	8½	28 20.06	39 31 18.4	576	229	
	8½	20.25	19.5	634	16	
2368	9½	28 21.71	41 27 14.8	620	57	
2369	8½	23 23.54	42 48 30.8	625	54	
2370	9	28 23.78	43 36 2.4	627	52	
2371	9	28 24.89	27 23 22.5	575	83	
2372	8½	28 25.20	43 37 11.4	627	51	
2373	7½	28 25.39	62 39 30.4	236	16	
2374	9½	28 26.79	47 46 8.1	622	49	
2375	10	28 26.86	35 16 58.8	612	89	
2376	8½	28 27.01	30 1 2.5	599	100	
2377	9	28 27.16	43 52 22.4	584	231	
2378	9	28 28.13	51 50 2.5	212	104	
2379	9	28 29.84	60 3 27.0	241	25	
	9	29.98	27.0	632	13	
2380	9	28 30.17	27 42 28.2	575	84	
2381	8	28 30.19	55 22 33.5	546	118	
2382	8	28 30.69	34 13 22.7	550	42	
2383	7½	28 31.22	66 43 5.0	756	81	
2384	9	28 32.19	28 53 56.4	593	113	
2385	9½	28 33.31	47 46 0.3	622	48	
2386	7½	28 33.75	49 10 33.9	618	86	
2387	9½	28 33.75	23 59 52.4	603	84	
	9½	33.81	54.1	603	86	
2388	9	28 33.86	58 48 10.5	218	78	
2389	8	28 34.02	50 32 44.9	548	135	dpl. III.
2390	8	28 34.20	36 14 5.6	227	55	
2391	6½	28 36.68	52 47 14.7	212	105	
2392	9	8 28 36.72	30 22 28.5	599	101	
2393	9	8 28 36.79	49 47 40.6	548	137	
2394	9	28 36.94	55 22 54.1	546	119	
2395	7½	28 37.62	46 37 0.5	558	60	
	7	37.77	0.0	233	35	
2396	8½	28 38.18	43 0 4.6	627	54	
	8	38.24	1.0	625	56	
2397	7	28 38.56	24 40 19.1	603	85	
2398	9	28 38.75	28 16 20.4	204	198	
2399	8½	28 39.29	45 12 42.0	222	26	
2400	7	28 39.68	37 56 40.8	615	95	
2401	9	28 40.42	60 34 36.8	175	99	
	9	40.46	38.1	632	15	
	9	40.50	37.3	179	95	
	9	40.56	37.1	175	103	
2402	9½	28 41.73	39 30 25.5	576	230	
2403	9	28 42.20	64 56 47.6	216	78	
2404	8½	28 47.46	43 52 53.9	584	232	
2405	9½	28 48.47	77 22 9.0	194†	54	
2406	9	28 50.08	28 25 47.9	244	4	
2407	8	28 51.05	37 46 37.6	615	96	
2408	8½	28 51.83	45 13 33.6	222	25	
2409	9	28 51.92	28 23 27.5	244	3	
2410	7½	28 52.68	55 56 44.3	546	122	
	8	52.77	47.3	544	115	
2411	7	28 52.73	45 19 35.6	222	24	
2412	7½	28 53.48	47 10 46.6	558	59	
2413	9½	28 54.10	23 41 33.6	230	83	
2414	9½	28 54.77	49 47 2.3	548	138	
2415	9	28 54.82	38 51 2.3	634	19	
2416	8½	28 55.85	33 3 44.7	609	97	
2417	9	28 58.23	29 52 34.0	593	111	
2418	9½	28 59.45	23 23 52.4	230	84	
2419	8½	28 59.50	76 11 3.2	596	45	
	9	59.54	2.6	194†	52	
2420	6½	28 59.93	38 25 18.7	617	102	
2421	7	29 0.92	41 11 5.3	620	58	
	7½	0.99	5.6	629	30	
2422	10	29 1.06	28 12 14.2	204	200	
	10	1.45	13.0	207	190	
2423	9	29 2.14	39 56 39.6	629	29	
	9	2.14	40.3	576	231	
	9	2.21	42.2	634	21	
2424	10	29 2.50	24 35 44.6	603	87	
2425	9	29 2.89	34 23 22.8	550	45	
2426	9	29 3.57	27 38 45.3	575	86	
2427	7½	29 4.08	48 43 42.6	618	88	
2428	9½	29 4.57	50 46 55.3	548	136	
2429	8½	29 5.21	27 37 24.3	575	85	
2430	9	29 5.99	29 44 39.5	593	112	
2431	8	29 6.86	56 12 33.2	544	114	
2432	8½	29 7.04	62 33 57.1	236	17	
2433	9	29 7.13	53 41 53.0	215	106	
	8½	7.35	51.0	215	104	
2434	9	29 7.41	48 51 14.5	618	87	dpl. II.
2435	9½	29 7.49	35 13 23.6	612	90	
2436	10	29 7.74	33 6 36.2	609	98	
2437	8½	29 7.78	28 11 13.4	204	197	
	9	7.84	14.9	204	199	
	9	7.93	13.4	207	189	
2438	8½	29 9.85	34 54 53.0	550	43	
2439	9	29 10.09	48 13 17.8	622	51	
	9	10.20	18.0	618	89	
2440	9	29 10.58	60 3 6.0	632	14	
	9	10.69	6.4	241	24	
2441	9	29 11.11	34 39 26.3	550	46	
2442	8½	29 12.24	52 58 46.7	212	106	
	9	12.33	49.0	212	108	
2443	7	29 13.06	26 40 13.4	590	124	
2444	9½	29 13.34	37 57 42.0	615	99	
2445	9	8 29 15.49	68 12 7.4	238	22	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
2446	9	8 29 16.08	30 6 39.7	599	102
2447	9	29 16.31	34 18 13.8	550	44
2448	7	29 16.43	71 39 42.8	580	127
	7	16.50	42.1	636	6
2449	10	29 17.68	36 31 58.1	227	56
2450	8½	29 18.12	37 46 23.0	615	97
2451	8½	29 19.19	52 7 16.9	542	110
2452	9	29 19.43	46 36 49.0	558	62
	9	19.45	46.8	233	38
	8½	19.49	46.2	233	36
2453	8	29 19.46	44 34 33.6	637	1
	8½	19.48	30.9	584	233
2454	7½	29 19.88	54 41 50.9	215	105
2455	10	29 20.05	35 10 29.5	612	91
2456	9	29 21.66	41 42 6.9	620	62
	9	21.76	5.0	620	59
2457	9	29 21.71	43 1 21.6	627	53
	9	21.75	19.3	625	57
2458	8½	29 21.73	72 43 57.5	636	5
2459	8	29 24.62	61 54 51.1	236	18
	8	24.66	48.6	175	101
2460	9	29 24.62	59 57 56.6	241	27
	9	24.79	54.3	179	96
	9	24.86	55.8	632	16
2461	9	29 24.94	29 32 17.9	593	110
2462	7	29 26.27	36 28 48.4	227	57
2463	7	29 26.46	46 32 35.6	558	61
	7	26.51	36.0	233	37
2464	8½	29 26.49	38 27 5.4	617	101
2465	8½	29 27.70	44 4 9.3	627	56
2466	8	29 29.27	44 31 7.8	637	2
	8½	29.30	7.1	584	234
2467	9	29 30.02	55 32 19.8	546	121
2468	8½	29 30.56	39 33 34.2	576	232
	9	30.85	35.4	634	20
2469	7	29 31.42	32 9 54.2	602	100
	7	31.61	52.5	609	100
2470	8½	29 31.59	65 14 55.8	756	82
	9	31.60	56.5	216	80
2471	9	29 32.37	26 4 2.3	225	81
	9	32.53	2.0	590	125
2472	9	29 32.20	28 53 56.3	593	113
2473	7	29 33.18	74 56 26.6	636	7
	7	33.42	23.9	580	124
	7	33.45	26.9	194†	53
	7	33.66	26.4	596	43
2474	9	29 33.28	44 29 28.9	584	235
2475	8½	29 33.38	37 55 27.7	615	98
	8	33.43	29.4	617	103
2476	8½	29 34.56	55 26 58.5	546	120
2477	9½	29 34.71	57 27 45.4	218	79
2478	9½	29 35.38	60 0 29.9	241	26
	9½	35.50	30.1	632	17
2479	9	29 35.62	60 45 7.6	175	102
2480	7½	29 35.67	39 18 8.6	634	22
	7	35.74	5.5	576	233
2481	9	29 36.22	28 22 29.9	244	5
	9	36.33	29.9	204	201
	9	36.44	28.9	207	191
2482	9	29 36.51	22 52 7.0	230	85
2483	7	29 36.78	41 15 1.9	620	60
2484	9	29 37.44	32 59 9.8	609	99
2485	9	29 38.77	47 4 51.0	558	63
2486	9½	29 38.78	36 58 35.1	615	102
2487	9	29 40.81	44 9 0.9	627	57
2488	9	29 41.37	52 32 28.1	542	112
2489	9	29 44.86	52 2 59.3	542	111
2490	8	8 29 45.58	65 5 49.6	756	84
	7½	45.60	50.3	216	79
2491	8½	8 29 45.70	45 47 59.9	222	29
2492	7	29 45.93	37 10 58.5	615	100
2493	9	29 46.07	40 47 3.3	629	32
2494	7½	29 46.80	41 40 26.4	620	61
2495	8½	29 47.06	27 33 58.8	575	87
2496	9½	29 49.72	32 5 55.5	602	101
	9	49.76	56.1	609	101
2497	8½	29 50.86	48 3 47.8	622	52
	8½	50.91	47.5	618	90
2498	9	29 51.70	29 57 34.7	599	103
2499	8½	29 52.15	23 1 31.6	230	86
2500	9	29 52.53	65 16 32.1	756	86
	9½	52.63	33.3	216	82
	9	52.95	30.8	756	83
2501	7½	29 52.82	44 6 57.2	584	236
	8	52.83	59.6	627	55
2502	8	29 53.33	28 28 11.8	244	6
	8	53.53	11.4	207	192
	8	53.57	10.9	204	202
2503	9½	29 53.78	36 57 42.8	615	103
2504	9½	29 57.85	45 12 16.1	222	28
2505	9	29 58.04	44 22 30.6	637	3
2506	9	29 58.04	27 26 26.3	575	88
2507	7½	29 58.55	55 58 6.8	546	124
	8	58.71	9.8	544	116
2508	8½	30 0.73	49 30 46.5	560	1
	8½	0.76	42.1	548	140
	9	0.93	43.0	618	92
2509	8	30 0.99	45 12 24.4	222	27
2510	8	30 1.90	36 33 13.4	227	58
2511	9	30 2.31	27 23 19.2	575	89
2512	8	30 4.10	24 40 41.2	603	88
2513	9	30 4.34	34 38 24.3	550	47
2514	9½	30 5.38	52 54 59.0	212	107
2515	9	30 6.50	57 28 12.3	544	119
	9	6.89	9.3	218	80
2516	8½	30 7.19	49 39 42.3	548	139
2517	9	30 8.23	46 26 31.6	233	40
2518	9½	30 8.35	35 11 21.7	612	92
2519	9	30 9.10	63 16 26.4	236	19
2520	8½	30 10.02	30 51 20.4	602	102
2521	8½	30 10.70	40 48 14.9	629	31
2522	6½	30 10.84	26 24 48.3	590	126
2523	9	30 11.96	43 3 5.7	625	58
2524	8½	30 12.95	55 49 24.6	546	123
2525	8½	30 14.31	74 31 58.8	580	125
	9	14.45	59.0	636	8
2526	9	30 14.39	44 4 37.2	627	58
2527	8	30 14.61	36 54 45.1	615	101
	8	14.71	44.4	227	59
2528	7	30 15.41	33 35 43.2	550	48
2529	9½	30 15.67	76 19 13.0	596	44
2530	9	30 18.17	30 31 3.2	599	105
2531	9	30 18.68	56 56 2.1	544	117
2532	7	30 18.91	43 50 26.3	627	61
2533	9½	30 19.02	56 0 7.7	546	125
2534	8	30 19.34	29 5 34.1	593	114
2535	8½	30 19.86	44 0 31.8	584	237
	9	19.93	32.5	627	60
2536	9	30 22.06	65 19 42.4	756	87
	9½	22.13	44.4	216	81
2537	8	30 22.49	51 43 30.6	542	113
2538	8½	30 23.29	46 41 49.9	558	64
	8	23.44	50.0	233	39
	8	23.46	50.4	233	41
2539	7½	30 24.98	44 5 56.5	637	4
	8	25.02	55.7	627	59
	7½	25.10	53.8	584	238
2540	9	8 30 28.39	30 28 55.4	599	104

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2541	9½	8 30 28.45	38 14 42.3	617	104	
2542	8½	30 28.96	57 27 8.8	544	118	
	8½	29.26	7.2	218	81	
2543	9	30 30.54	65 14 30.5	756	85	
	9½	30.76	35.1	216	84	
2544	9	30 31.21	27 31 44.4	575	91	
2545	7½	30 32.80	28 2 44.8	244	7	
	7½	32.81	43.8	207	193	
	8	33.02	45.7	204	203	
2546	9½	30 33.53	33 33 48.2	550	50	
2547	9½	30 33.99	37 16 18.6	615	105	
2548	9	30 36.00	32 8 27.1	609	102	
2549	8	30 36.00	70 24 59.7	238	23	
2550	9	30 36.13	40 5 28.2	629	33	
2551	9	30 36.66	39 23 59.0	634	23	
2552	7	30 36.96	39 32 29.0	634	24	
2553	8½	30 38.05	73 56 57.0	580	126	
	8½	38.15	57.1	636	9	
2554	7½	30 38.37	39 15 2.4	634	25	
2555	8½	30 38.42	44 27 20.7	584	239	
2556	7	30 39.18	52 38 30.1	212	109	
	7	39.31	31.7	542	114	
	7½	39.36	32.9	248	1	
2557	9	30 39.77	24 25 49.2	603	89	
2558	9	30 40.08	27 29 59.9	244	9	
	9	40.17	57.4	575	90	
2559	8½	30 40.44	31 46 54.3	602	104	
2560	9½	30 42.33	31 10 4.7	602	103	
2561	10	30 42.72	38 5 10.2	617	106	
2562	9	30 42.73	28 51 8.6	204	204	
	9	42.74	6.9	593	115	
	9	42.89	7.7	207	194	
2563	9	30 43.00	30 8 0.0	599	106	
2564	9½	30 44.70	38 10 29.5	617	105	
2565	9	30 46.11	49 13 11.0	618	91	
2566	7	30 46.60	50 39 48.0	548	144	
	7	46.63	46.2	560	4	
2567	9	30 48.39	33 33 3.9	550	51	
2569	9½	30 50.08	40 46 32.1	629	34	
2570	9	30 50.44	48 23 32.5	622	54	s.pr.
2571	8½	30 50.83	23 9 13.5	230	87	
2572	9	30 50.85	44 19 58.4	584	240	
2573	9	30 51.03	48 23 22.1	622	53	n.sq.
2574	9½	30 51.31	60 25 43.5	175	104	
	9½	51.31	46.3	241	28	
	9½	51.45	43.2	632	18	
2575	8	30 51.33	33 37 34.8	550	49	
2576	9½	30 52.35	33 35 31.0	550	52	
2577	9	30 54.40	39 32 42.9	634	26	
2578	6	30 54.67	49 30 49.3	548	142	
	6	54.72	48.6	618	93	
	6	54.75	50.9	560	2	
2579	9	30 54.78	44 47 55.7	637	5	
	9	54.95	54.1	584	242	
2580	9	30 55.36	42 32 23.3	625	59	
2581	9	30 55.37	77 18 31.3	194†	55	
	8½	56.00	33.0	596	46	
2582	9½	30 55.98	56 41 40.2	544	120	
2583	9½	30 56.59	46 33 1.1	558	65	
2584	8	30 56.66	71 18 10.3	636	11	
2585	8½	30 56.97	65 39 26.5	756	89	
2586	9	30 57.86	67 41 15.7	238	25	
2587	9	30 59.77	43 51 56.6	627	62	
2588	9	31 1.25	28 54 20.0	593	116	
	9	1.25	22.2	204	205	
	9	1.35	23.4	207	195	
2589	9	31 2.24	41 40 33.9	620	63	
	9	2.24	34.8	620	65	
2590	9	8 31 3.72	37 13 10.9	615	104	
2591	9	8 31 3.86	48 8 38.7	622	55	
2592	9	31 4.23	50 14 1.6	560	3	
2593	8	31 4.29	54 14 13.9	215	107	
2594	9½	31 4.54	64 42 50.7	216	85	
2595	8	31 7.02	30 9 56.4	599	107	
2596	8	31 9.28	27 38 57.8	244	8	
	8	9.42	57.3	575	92	
2597	9	31 11.28	27 17 30.3	244	10	
2598	8	31 11.90	40 26 6.4	629	35	
2599	9	31 12.34	37 51 56.0	617	108	
	8½	12.35	56.0	615	107	
2600	8	31 12.81	42 7 43.1	625	60	
	7½	12.90	43.2	620	64	
2601	9	31 12.90	28 21 48.1	204	206	
	8	12.96	49.2	207	196	
2602	9	31 13.90	27 41 45.7	575	93	
2603	8½	31 15.72	29 36 25.1	593	117	
2604	8	31 17.61	49 18 39.8	548	141	
	8½	17.65	40.2	618	94	
2605	9½	31 18.73	52 15 30.5	542	115	
2606	9½	31 18.78	31 46 28.9	602	106	
2607	9	31 19.14	49 26 5.7	618	95	
2608	9	31 19.58	71 20 5.6	636	10	
2609	8	31 20.09	63 24 54.7	236	20	
	8½	20.22	58.2	216	86	
2610	7	31 20.22	31 49 47.1	602	105	
	7	20.26	47.1	609	103	
2611	8½	31 21.49	35 49 51.6	612	93	
2612	9½	31 22.05	57 6 41.3	544	122	
2613	9½	31 23.30	65 19 45.3	216	83	
	9	23.34	44.5	756	88	
2614	9½	31 23.36	39 30 30.1	634	27	
2615	9	31 23.37	60 5 34.7	241	29	
	9	23.41	31.4	632	19	
	8½	23.43	32.3	179	97	
2616	7½	31 24.62	47 8 23.8	622	57	
	8	24.82	24.3	558	66	
2617	8½	31 26.06	40 54 20.4	629	36	
2618	8½	31 26.93	52 20 5.8	248	2	
	9	27.03	6.3	542	116	
	9	27.08	6.6	212	110	
2619	8½	31 29.03	43 19 28.1	627	64	
2620	9½	31 29.18	36 28 36.7	227	60	
2621	9½	31 32.12	45 26 54.8	222	30	
2622	9	31 32.40	41 6 58.3	620	66	
2623	9	31 33.11	56 40 2.4	544	121	
2624	9	31 33.91	62 53 9.2	236	22	
2625	9	31 34.71	30 20 25.4	599	108	
2626	9	31 35.14	49 26 58.6	618	96	
2627	9	31 36.50	49 54 52.7	548	143	
	9	36.52	55.4	548	146	
2628	8½	31 39.59	48 6 57.1	622	56	
	8½	39.80	58.0	618	97	
2629	9½	31 40.17	35 50 48.4	612	94	
2630	9	31 40.90	41 47 51.1	625	62	
	9	40.94	52.7	620	68	
2631	9½	31 41.57	62 24 43.1	175	105	
2632	7½	31 41.85	38 1 26.8	615	106	
	7½	41.90	25.9	617	107	
2633	9	31 43.11	39 29 13.3	634	28	
2634	7½	31 43.62	51 23 17.8	542	117	
2635	7	31 44.04	25 58 52.2	225	83	
	7	44.09	51.1	590	127	
2636	8½	31 45.49	43 57 49.1	637	6	
	9	45.51	50.4	627	65	
	8½	45.61	47.3	584	241	
	8½	45.64	47.3	584	245	
2637	9½	31 45.70	38 19 56.0	617	109	dpl.
2638	7	31 46.55	53 46 26.8	215	109	
2639	9½	8 31 46.59	40 50 48.6	629	38	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2640	9	8 31 47.17	46 41 42.4	233	42	
	9	47.29	39.8	558	67	
2641	7½	31 47.73	25 38 18.5	225	82	
2642	9	31 47.95	28 8 8.0	204	207	
2643	9½	31 48.34	39 8 52.4	617	110	
	9½	48.52	53.2	634	29	
2644	9	31 50.04	30 23 50.8	599	109	
2645	9½	31 50.41	41 54 14.5	620	67	
	9½	50.52	13.4	625	61	
2646	9	31 50.98	42 57 47.1	625	63	
2647	8½	31 51.16	68 26 5.7	238	24	
	8	51.18	8.6	238	26	
2648	9	31 53.04	33 29 47.2	550	53	
2649	8	31 53.67	31 17 16.5	602	107	
2650	9	31 54.01	23 51 60.9	603	90	
	8½	54.16	58.6	230	88	
2651	9½	31 54.83	36 13 25.3	227	61	
2652	7½	31 55.12	46 4 4.5	233	43	
	8	55.13	3.7	222	32	
2653	9	31 57.22	29 24 14.1	593	118	
2654	9	31 57.73	43 23 29.6	627	63	
2655	8	31 58.39	34 39 22.3	550	56	
2656	9½	31 58.86	44 17 33.3	637	8	
2657	9	31 59.60	53 3 14.3	215	108	
2658	9	31 59.86	62 29 38.8	236	21	
2659	9½	32 1.31	44 15 49.2	637	7	
2660	9½	32 1.99	55 37 6.7	546	127	
2661	9	32 1.99	30 13 42.7	599	110	
2662	8½	32 3.00	61 3 22.0	175	106	
2663	9	32 3.01	40 46 57.0	629	37	
2664	8	32 3.17	58 21 42.4	218	82	
2665	9½	32 4.67	62 14 43.2	175	109	
2666	7½	32 5.19	51 53 21.6	212	111	
2667	8½	32 7.29	66 35 37.5	756	92	
2668	6½	32 8.35	50 32 11.0	560	5	
	6½	8.43	10.4	548	145	
2669	9	32 9.05	44 59 27.0	584	243	
2670	9	32 9.61	71 9 57.3	636	12	
2671	9	32 9.71	25 51 35.5	225	84	
	9	9.79	34.1	590	128	
2672	9	32 10.05	37 32 43.7	615	109	
2673	8½	32 10.29	45 49 39.9	233	45	
	8½	10.40	34.6	222	31	
2674	9½	32 10.49	59 53 40.6	632	20	
	9½	10.59	41.2	241	31	
2675	9	32 11.51	60 59 2.1	175	107	
2676	8	32 12.08	54 40 10.4	546	126	
	8	12.24	8.7	215	110	
2677	8	32 13.74	23 26 44.6	230	89	
2678	9½	32 15.23	59 54 12.9	632	21	
2679	9	32 16.19	31 18 28.1	602	108	
2680	9½	32 16.37	41 43 52.9	620	70	
2681	9	32 16.41	23 18 53.0	230	90	
2682	8	32 16.63	27 44 26.9	244	11	
	8	16.77	26.7	575	94	
2683	9½	32 17.87	33 33 9.1	550	54	
2684	9	32 18.57	43 38 46.3	627	66	
2685	8½	32 21.12	66 5 32.7	756	90	
2686	6	32 21.56	57 47 29.9	218	83	
2687	9½	32 21.77	40 51 40.3	629	40	
2688	9	32 21.80	29 52 43.3	599	112	
2689	9½	32 22.22	41 45 4.9	620	69	
2690	5½	32 22.42	57 34 36.6	544	123	
	5½	22.49	37.6	218	84	
2691	8½	32 22.56	32 37 47.1	609	104	
2692	9	32 23.32	64 23 50.8	216	87	
2693	9	32 24.26	47 9 48.4	622	58	
	9	24.40	47.8	558	69	
2694	8	32 24.34	30 3 47.8	599	111	
2695	8½	8 32 25.18	37 28 32.6	615	108	
2696	9½	8 32 26.03	36 41 51.9	227	62	
2697	9	32 27.67	32 36 37.5	609	105	
2698	8½	32 31.48	40 20 26.5	629	41	
2699	8½	32 31.69	44 48 54.1	637	10	
	8½	31.96	51.5	584	247	
2700	5½	32 31.95	25 49 5.1	590	129	
	6	32.01	7.1	225	85	
2701	9½	32 32.15	39 35 17.0	634	30	
2702	9	32 32.31	53 10 52.5	215	111	
	9	32.33	50.9	212	112	
2703	8	32 33.65	35 41 59.8	612	96	
2704	9	32 34.72	51 30 44.5	542	118	
2705	9	32 34.96	29 29 4.0	593	121	
	9	35.04	2.9	593	119	
2706	8½	32 35.83	34 53 8.9	612	95	
	8½	35.92	10.2	550	55	
2707	9	32 36.62	23 29 39.2	230	91	
2708	9½	32 36.88	49 49 16.6	548	147	
2709	8	32 38.12	47 3 54.2	622	59	s. pr.
	8	38.22	54.6	558	68	
2710	9½	32 38.16	49 39 22.5	560	6	
2711	9	32 38.27	47 3 44.7	622	60	n. sq.
2712	8½	32 38.51	66 5 39.7	756	91	
2713	8	32 39.10	51 54 0.0	212	114	
2714	8½	32 39.82	59 58 4.1	632	22	
	8½	39.87	5.3	241	30	
	8½	40.10	3.1	179	98	
2715	9	32 40.29	53 2 37.2	212	113	
2716	9	32 40.59	25 46 7.9	225	86	
2717	9½	32 41.62	27 39 7.1	244	12	
2718	9	32 42.23	43 20 43.4	627	69	
2719	8	32 42.31	45 53 17.7	222	33	
	8	42.35	19.7	233	44	
2720	9	32 42.70	32 55 11.9	609	106	
2721	7½	32 42.74	43 40 46.4	627	67	
2722	9	32 44.27	45 5 8.8	584	244	
2723	8	32 44.71	43 22 37.4	627	68	
2724	8	32 45.02	55 56 31.5	544	124	
	7½	45.06	27.9	546	128	
2725	7½	32 46.19	40 15 20.0	629	42	
2726	8½	32 46.29	43 5 55.9	625	64	
2727	9	32 46.33	44 51 16.9	637	11	
	9	46.40	14.7	584	248	
2728	9½	32 46.78	24 33 41.5	603	92	
2729	9	32 47.08	40 53 15.0	629	39	
2730	9	32 48.02	29 24 30.1	593	123	
	9	48.23	25.9	593	120	
2731	6½	32 48.33	39 42 46.3	634	31	
2732	9	32 48.70	37 45 53.6	615	110	
2733	9	32 48.76	39 39 49.8	634	32	
2734	9½	32 49.15	24 12 15.0	603	91	
2735	10	32 50.77	28 28 14.0	207	197	
2736	8½	32 51.66	52 36 9.3	542	119	
	8	51.84	7.2	248	3	
2737	9	32 52.33	38 40 6.6	617	111	
2738	9	32 52.48	57 48 48.2	218	85	
2739	9	32 54.46	59 6 32.5	552	22	
2740	9½	32 54.99	59 8 42.6	552	23	
2741	8	32 55.74	71 21 56.6	636	14	
2742	9	32 56.36	49 18 28.2	618	99	
2743	8½	32 56.44	26 12 14.5	590	131	
2744	8½	32 59.22	34 26 37.4	550	57	
2745	9	32 59.40	25 59 45.5	225	87	
	8½	59.42	43.7	590	130	
2746	9½	33 0.60	24 35 7.7	603	94	
2747	9	33 0.71	49 14 29.3	618	98	
2748	9	33 1.21	43 22 22.4	627	70	
2749	8½	33 1.28	41 55 11.8	625	66	
	9	1.34	9.4	620	71	
2750	9	8 33 1.49	52 8 33.7	212	116	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2751	8	8 33 3.42	56 16 34.1	544	125	
2752	8½	33 4.11	69 40 51.9	238	28	
2753	8	33 5.62	44 46 15.4	637	9	
	8½	5.70	15.9	584	246	
2754	9	33 5.76	26 59 10.0	590	132	
2755	9	33 6.55	62 17 1.7	175	108	
	9½	6.57	3.7	236	24	
2756	9	33 7.10	36 0 51.7	227	63	
	8½	7.17	50.5	612	97	
2757	9½	33 9.34	24 36 6.9	603	93	
2758	8½	33 10.05	45 10 41.6	222	34	
2759	8½	33 10.36	40 24 14.0	629	43	
2760	7½	33 10.40	52 4 45.6	212	115	
	7½	10.58	45.3	542	120	
2761	9	33 10.52	46 45 44.2	558	70	
2762	9½	33 11.55	27 55 41.9	244	14	
	9	11.63	41.3	204	209	
2763	8	33 11.58	63 0 26.1	236	23	
2764	9½	33 11.89	36 0 42.1	612	98	
2765	8½	33 12.38	29 32 50.3	593	122	
2766	9	33 13.75	27 46 51.6	244	13	
	9	13.97	52.0	204	208	
	8½	13.99	50.0	575	95	
	9	14.03	50.2	207	198	
2767	9½	33 14.80	30 3 57.7	599	115	
2768	5	33 15.07	42 33 8.8	625	65	
2769	9	33 15.71	56 26 9.4	544	126	
2770	9½	33 15.91	32 46 26.7	609	107	
2771	7½	33 16.78	48 59 21.7	618	100	dpl. III. n. sq.
2772	9	33 17.69	68 55 5.7	238	27	
2773	9½	33 18.13	59 2 52.3	552	24	
2774	9	33 18.46	39 36 49.2	634	33	
2775	9½	33 18.73	34 7 3.5	550	59	
2776	7	33 18.95	74 25 31.6	189†	1	
	7	19.28	30.7	636	15	
2777	9½	33 20.69	77 30 50.1	194†	57	
2778	8½	33 20.98	48 23 33.1	622	62	
	9	21.16	33.0	618	101	
2779	9½	33 21.46	31 35 1.8	602	109	
2780	8	33 21.64	41 52 58.4	620	72	
	7½	21.76	59.6	625	67	
2781	9	33 22.26	38 19 21.4	617	112	
2782	7½	33 22.46	37 34 17.7	615	111	
2783	9½	33 23.57	38 13 53.1	617	113	
2784	9½	33 23.75	59 45 5.8	241	32	
2785	8	33 26.96	78 29 56.8	596	47	
	8	27.70	55.1	194†	56	
2786	9½	33 27.51	35 49 57.4	612	100	
2787	9	33 27.52	42 7 17.3	620	73	
2788	9½	33 23.32	30 1 38.1	599	114	
2789	8½	33 30.25	33 59 24.2	550	58	
2790	7½	33 30.93	45 50 41.8	222	35	
	7½	30.97	43.1	233	46	
2791	6½	33 31.54	72 55 43.3	189†	2	
	6½	32.31	40.2	636	13	
2792	9	33 31.98	57 47 3.9	218	86	
2793	9	33 32.54	35 45 5.6	612	99	
2794	9½	33 33.28	40 54 36.6	629	44	
2795	8	33 33.34	39 38 36.7	634	34	
2796	8½	33 33.57	39 5 51.8	617	114	
2797	8½	33 33.86	22 57 11.5	230	92	
2798	8½	33 34.01	39 25 44.5	634	35	
2799	9	33 35.57	24 39 5.4	603	95	
2800	9	33 36.24	35 23 6.0	612	101	
2801	9	33 36.70	50 34 26.8	560	7	
2802	8	33 37.03	46 55 28.4	622	61	
	8½	37.11	24.7	558	71	
2803	9	8 33 37.43	38 58 45.6	617	115	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2804	9	8 33 38.60	39 18 36.5	634	37	
2805	8	33 38.61	44 2 56.6	637	14	
	8½	38.65	56.0	627	71	
2806	8	33 39.98	52 49 22.2	248	4	
	8	39.87	26.1	212	119	
2807	9	33 40.36	50 49 29.2	560	8	
	9	40.49	27.9	548	148	
	9	40.90	28.3	548	150	
2808	9	33 41.59	39 19 26.6	634	36	
2809	8½	33 43.61	29 56 56.1	599	113	
2810	9	33 45.88	44 54 17.9	637	13	
	9½	46.12	18.0	584	250	
2811	9½	33 47.05	60 1 40.8	241	34	
	9½	47.30	36.9	632	23	
2812	9	33 47.33	33 35 55.8	550	60	
2813	9	33 47.41	55 25 45.6	546	129	
2814	9	33 48.58	66 53 33.3	756	93	
	8½	48.82	37.0	557	1	
2815	7½	33 49.95	33 25 53.3	550	61	
2816	9	33 51.32	52 12 34.0	212	118	
	9	51.41	31.0	542	121	
2817	10	33 52.25	77 31 40.2	194†	58	
2818	9	33 52.48	29 17 59.7	593	124	
2819	9½	33 53.05	60 3 35.8	632	24	
2820	9½	33 54.46	43 39 22.6	627	72	
2821	8	33 54.54	46 27 60.7	558	72	
	7½	54.59	58.3	233	47	
2822	9	33 54.66	23 21 45.1	230	94	
2823	8½	33 55.74	36 30 57.9	227	64	
2824	8½	33 55.77	44 54 1.8	637	12	
	8½	56.00	1.4	584	249	
2825	9	33 58.69	48 21 52.0	622	63	
	9	58.84	52.2	618	102	
2826	9	33 59.64	40 57 42.9	629	45	
2827	9	34 1.06	43 40 8.2	627	73	
2828	8½	34 2.55	53 9 24.7	215	112	
2829	9½	34 2.62	52 12 34.0	212	117	
2830	8½	34 2.80	59 53 26.7	632	25	
	8½	2.89	29.1	241	33	
	8½	3.17	27.0	179	99	
2831	9	34 3.18	48 18 5.9	622	64	
	9	3.33	6.5	618	103	
2832	8½	34 5.19	65 55 33.1	187†	1	
	8	5.24	33.1	557	3	
2833	8½	34 5.77	64 49 9.6	756	97	
	9	6.07	7.0	187†	2	
	8½	6.23	7.9	756	94	
2834	8	34 7.39	49 38 34.7	548	149	
2835	8	34 8.88	27 56 18.2	204	210	
	8	8.89	18.2	244	15	
	8	8.91	17.4	575	96	
	8	8.97	17.1	207	199	
2836	7½	34 9.16	39 37 43.5	634	38	
2837	8½	34 9.70	61 31 33.8	175	110	
2838	8½	34 10.54	45 26 15.7	222	38	
2839	9	34 12.77	50 52 24.1	560	9	
2840	9	34 12.93	44 28 54.8	584	251	
	9	12.96	57.3	637	15	
2841	9	34 13.01	53 44 50.1	215	114	
2842	9	34 13.56	41 8 26.0	629	46	
	9	13.56	25.6	620	75	
2843	9	34 13.62	52 25 57.0	248	5	
	9½	13.65	57.6	542	122	
2844	8½	34 13.94	33 10 18.3	609	108	
2845	8½	34 14.14	42 0 28.1	625	68	
	8	14.36	26.6	620	74	
2846	8½	8 34 14.91	24 7 57.4	603	96	
	8	15.01	52.8	230	93	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2847	9	8 34 17.53	26 22 43.6	590	133	
2848	8	34 18.10	64 22 40.3	187†	4	
	8½	18.20	39.8	216	88	
	8½	18.23	40.0	756	96	
2849	9	34 18.58	27 5 55.0	575	97	
	8½	18.58	54.3	590	135	
2850	9½	34 19.59	27 55 9.9	244	16	
2851	8	34 19.62	46 20 13.4	233	48	dpl. III. n. sq.
2852	10	34 19.63	30 10 23.3	599	117	
2853	9½	34 20.49	33 27 40.6	550	62	
2854	8½	34 20.90	23 21 50.6	230	96	
2855	9½	34 21.87	59 48 51.1	632	26	
	9½	21.97	49.8	552	25	
2856	7½	34 22.62	54 33 22.1	546	131	
	7½	22.84	22.4	215	115	
2857	9½	34 23.04	46 43 41.2	558	73	
2858	8	34 23.24	45 29 16.3	222	36	
2859	9	34 23.76	23 22 45.9	230	95	
2860	8½	34 25.33	30 9 10.8	599	116	
2861	9	34 25.38	27 57 55.9	204	211	
	9	25.44	56.9	244	17	
	9	25.61	54.3	207	200	
2862	8	34 26.14	45 21 39.0	222	37	
2863	8	34 26.61	64 13 20.1	216	89	
	8	26.68	20.6	187†	3	
	8	27.14	20.1	756	95	
2864	9	34 27.08	29 17 36.8	593	125	
2865	8½	34 27.66	24 17 36.2	603	97	
2866	7½	34 27.91	28 38 26.1	204	212	
2867	7½	34 28.81	37 1 51.7	615	112	
	7	29.00	52.1	227	67	
2868	9	34 29.43	26 45 7.1	590	134	
2869	9	34 29.50	36 6 32.6	612	103	
	9	29.66	35.9	227	65	
2870	9	34 29.62	62 26 51.9	175	112	
	9½	29.78	53.1	236	25	
2871	9	34 30.58	43 19 11.6	627	74	
2872	8½	34 31.21	50 4 9.0	560	11	
2873	8	34 31.24	46 20 33.7	233	49	
2874	5	34 31.33	29 7 0.2	593	126	
2875	9	34 34.92	29 6 33.8	593	127	
2876	7½	34 35.03	39 58 42.8	629	47	
2877	6½	34 35.17	36 10 2.4	612	102	
	6½	35.34	2.9	227	66	
2878	9	34 35.50	54 43 6.9	546	130	
	8½	35.69	8.3	215	116	
2879	9½	34 36.77	76 59 16.6	194†	59	
2880	9	34 37.26	50 41 54.6	548	152	
	9	37.50	56.9	560	10	
2881	9	34 40.37	63 50 10.4	216	90	
	9	40.54	10.2	187†	5	
	8½	40.65	11.3	557	4	
2882	9	34 40.55	49 13 27.4	618	104	
2883	7½	34 42.00	39 21 28.8	634	39	
2884	9½	34 43.28	60 2 8.0	632	27	
2885	9	34 44.06	23 52 40.3	603	98	
2886	9½	34 46.61	78 13 43.3	194†	62	
2887	9	34 49.22	45 47 13.2	222	41	
2888	7	34 52.49	33 34 4.7	550	63	
2889	9	34 52.54	44 24 23.8	584	252	
	9	52.70	26.4	637	16	
2890	9	34 54.31	45 47 9.6	222	39	} dpl.
2891	8½	34 54.81	45 47 20.4	222	40	
2892	9½	34 55.10	23 20 54.7	230	97	
2893	7½	34 55.24	53 16 57.0	215	113	
2894	9½	34 55.74	54 18 31.1	546	132	
2895	9½	34 55.86	55 17 41.5	546	133	
2896	8½	34 56.66	39 20 55.6	634	40	
2897	8½	8 34 57.14	27 58 19.4	244	18	
	8½	57.29	18.7	575	98	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2898	7½	8 35 0.37	50 50 1.3	548	151	
	8	0.60	3.6	560	12	
2899	9½	35 2.32	37 25 40.9	615	113	
2900	9	35 3.00	33 6 16.9	252	1	
	9	3.03	19.0	609	110	
2901	10	35 3.05	31 48 22.1	602	111	
2902	8½	35 3.70	39 48 29.0	629	48	
	8½	3.82	29.1	634	43	
2903	8½	35 4.30	31 49 54.0	602	110	
	8½	4.46	54.6	609	109	
2904	9	35 4.70	63 49 26.0	187†	6	
	9	5.08	27.3	557	5	
2905	7½	35 5.52	33 34 41.8	550	64	
2906	6	35 5.60	62 24 50.7	236	26	
	6	5.64	48.3	175	111	
2907	10	35 7.17	30 7 28.8	599	119	
2908	9½	35 7.87	23 52 38.9	603	99	
2909	8	35 8.84	26 48 55.4	590	137	
2910	9	35 9.44	38 44 19.2	617	117	
	9½	9.57	18.3	617	116	
2911	9	35 9.53	29 15 8.2	593	128	
2912	8½	35 9.77	40 50 50.4	620	76	
2913	8½	35 10.22	42 2 44.2	625	69	
	8½	10.38	44.3	620	77	
2914	9	35 11.21	48 8 5.5	622	66	
2915	7	35 11.91	52 39 2.1	542	124	
	7	11.91	2.8	212	121	
	7	12.00	2.1	248	7	
2916	9	35 12.27	59 29 44.2	552	26	
2917	4½	35 12.57	34 51 53.8	612	104	
	4	12.64	55.9	550	66	
2918	8	35 12.62	76 30 4.1	194†	60	
	8	13.09	4.1	596	48	
2919	9½	35 12.69	30 6 45.5	599	118	
2920	9½	35 13.55	43 44 23.0	627	75	
2921	9	35 13.62	78 16 32.4	596	49	
	9½	13.93	29.6	194†	61	
2922	8½	35 14.10	31 43 24.1	602	112	
2923	8	35 14.17	39 19 47.3	634	41	
2924	9	35 15.76	29 15 11.9	593	129	
2925	7½	35 17.45	53 4 54.8	212	122	
	7½	17.65	56.2	215	117	
2926	8½	35 17.61	66 49 4.5	756	99	
	8½	17.74	5.4	756	98	
	8	17.95	4.2	557	2	
2927	8½	35 18.69	26 56 2.9	590	136	
2928	9	35 19.36	33 37 15.7	550	65	
2929	9	35 20.52	41 40 5.4	620	78	
2930	9½	35 21.05	48 18 27.2	622	65	
2931	9	35 21.19	47 4 34.9	558	74	
2932	8½	35 22.08	62 5 15.9	236	28	
	9	22.21	12.9	175	114	
2933	9	35 24.80	39 16 41.3	634	42	
2934	9½	35 24.88	43 25 10.4	627	76	
2935	10	35 25.26	78 11 36.4	194†	63	
2936	9½	35 25.66	34 37 30.9	550	67	
2937	8½	35 26.39	39 48 43.9	634	45	
	9	26.42	39.9	629	49	
2938	9½	35 26.41	34 40 51.4	550	68	
2939	9	35 26.53	52 34 59.2	248	9	
	9½	26.76	59.0	542	123	
2940	9½	35 26.73	28 2 4.1	244	19	
2941	8	35 27.67	24 10 25.1	603	102	
2942	9	35 27.99	23 58 27.4	230	100	
	9	28.16	28.2	603	101	
2943	8½	35 28.11	52 16 12.1	248	6	
2944	8½	35 28.79	40 40 8.5	629	50	
2945	9	35 30.24	58 27 19.3	218	87	
2946	9½	35 31.23	22 59 8.0	230	98	
2947	9	8 35 32.24	28 6 2.4	244	20	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2948	8½	8 35 32.59	44 19 31.2	637	18	
2949	8	35 32.76	39 37 32.7	634	46	
2950	9½	35 33.08	30 57 5.3	599	120	
2951	8	35 33.23	45 56 31.6	233	50	
	8	33.42	30.3	222	42	
2952	9½	35 35.29	70 48 36.0	238	31	
2953	9	35 36.79	23 55 51.4	230	101	
	8½	36.82	53.1	603	100	
2954	9	35 38.84	28 17 22.6	244	22	
2955	9	35 40.67	44 20 31.0	637	17	
2956	9½	35 41.48	25 18 29.2	225	88	
2957	9½	35 43.13	28 8 31.5	244	21	
2958	9½	35 43.68	27 6 36.6	590	140	
2959	9	35 43.69	48 9 29.5	622	67	
2960	6	35 44.06	39 49 14.6	629	51	
	6	44.11	14.5	634	44	
2961	8	35 45.36	31 22 5.8	252	2	dpl. II. sq.
	8½	45.46	4.8	602	113	
2962	9	35 45.52	48 50 48.8	618	105	
2963	9	35 45.65	52 50 34.1	212	120	
2964	8	35 46.30	44 16 21.5	637	19	
2965	9½	35 46.60	55 18 2.3	546	135	
2966	9	35 48.81	35 37 29.7	612	105	
2967	7½	35 49.72	55 30 1.5	546	134	
2968	8½	35 51.63	36 34 1.2	227	68	
	9	51.79	1.6	227	69	
2969	6	35 52.75	52 59 54.0	212	123	
2970	9½	35 53.20	60 36 33.1	632	28	
2971	9½	35 53.56	38 19 36.5	617	119	
2972	8	35 53.72	41 54 35.4	625	70	
	7½	53.80	36.3	620	80	
2973	7	35 54.06	41 56 49.3	625	71	
	7	54.25	48.4	620	79	
2974	9	35 55.48	34 32 29.9	550	69	
2975	8½	35 55.78	26 59 49.3	590	138	
2976	9	35 56.23	27 6 57.5	590	139	
2977	8½	35 57.46	23 49 52.7	230	99	
2978	8½	36 0.09	40 37 37.0	629	52	
2979	9	36 0.47	43 49 3.2	627	77	
2980	7	36 2.44	70 14 17.8	238	30	
2981	9	36 3.97	29 38 24.3	593	130	
2982	9	36 6.37	29 2 51.8	593	131	
2983	9	36 8.54	48 54 29.5	618	106	
2984	9½	36 8.92	45 42 3.2	222	44	
2985	9	36 8.93	52 31 18.6	248	8	
	9	9.10	18.4	542	125	
2986	9	36 9.91	45 40 46.3	222	43	
2987	10	36 10.12	23 51 39.0	603	103	
2988	8	36 12.76	43 0 9.3	622	68	
2989	7½	36 13.14	62 24 6.0	236	27	
	6	13.30	5.3	175	113	
2990	9	36 13.72	32 8 41.1	609	113	
2991	7½	36 15.00	41 53 48.8	620	82	
	8	15.04	48.3	625	72	
2992	9	36 15.46	30 57 35.8	599	121	
	9	15.53	36.3	252	3	
	9½	15.53	38.3	602	114	
2993	8	36 17.81	32 47 35.0	609	111	
2994	9	36 19.48	40 14 16.1	629	53	
2995	6½	36 19.80	44 44 51.6	637	22	
2996	9	36 21.11	37 57 14.0	615	114	
	9	21.21	13.9	617	118	
2997	6	36 23.73	52 36 42.0	248	10	s. pr.
	6	23.93	43.0	212	125	
	6	23.94	42.4	542	127	
2998	9	36 24.10	42 32 49.8	625	74	
2999	8	8 36 24.20	71 13 18.2	189†	3	
	8	24.36	14.8	238	29	
	8	24.46	19.1	636	16	
	8	24.59	14.0	184†	1	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3000	9½	8 36 24.52	41 55 8.1	625	73	
	9½	24.55	7.2	620	81	
3001	9	36 24.78	52 36 26.2	248	11	n. sq.
	9	24.85	27.0	542	126	
3002	9½	36 24.99	25 13 52.5	225	89	
3003	9	36 25.07	58 25 7.5	218	88	
3004	8	36 25.53	52 15 38.3	212	129	
	8½	25.72	38.7	542	130	
3005	9	36 26.97	58 26 13.2	218	89	
3006	9½	36 27.43	32 39 56.4	609	112	
3007	9	36 28.43	32 55 20.3	550	70	
3008	4	36 28.91	46 12 16.2	233	51	
3009	8½	36 30.21	35 30 36.0	612	106	
3010	10	36 31.52	50 46 8.5	560	13	
3011	8	36 31.74	44 36 52.2	637	21	
3012	9	36 33.56	32 53 24.2	550	71	
3013	7	36 33.84	59 52 31.1	241	35	dpl. II.
	7	33.92	30.9	552	27	
	7	34.00	32.2	632	31	
3014	8	36 33.92	53 24 26.7	215	118	
3015	10	36 33.92	37 25 4.9	615	115	
3016	9	36 34.36	44 18 16.5	637	20	
3017	9½	36 34.77	72 56 27.6	189†	4	
	9	35.04	20.0	636	18	
3018	9	36 38.95	26 30 21.8	590	141	
3019	9½	36 40.24	60 18 37.5	632	29	
3020	9	36 41.67	50 11 22.4	560	17	
3021	4	36 42.70	52 28 43.5	248	12	
	4½	42.71	41.9	542	128	
	4	42.94	42.8	212	126	
3022	6½	36 43.16	52 34 17.5	248	13	
	6½	43.29	19.1	212	127	
	6½	43.31	18.8	542	129	
3023	8	36 45.37	52 59 51.6	212	124	
3024	9	36 45.85	47 46 2.7	622	69	
3025	9½	36 49.00	53 41 29.1	215	120	
3026	7½	36 49.16	50 34 9.9	560	14	
	7½	49.49	8.0	548	153	
3027	7½	36 52.12	47 46 49.5	622	70	
3028	9	36 52.33	38 16 23.3	617	120	
3029	9	36 53.37	29 7 54.9	593	132	
3030	9½	36 53.70	61 20 16.4	175	115	
3031	9	36 54.72	41 48 12.1	620	83	
3032	9	36 55.01	28 14 4.6	244	23	
3033	9½	36 56.29	38 15 25.6	617	121	
3034	9	36 58.15	47 0 56.7	558	75	
3035	8½	36 58.53	44 49 56.5	637	23	
3036	9	36 58.61	32 10 14.9	609	114	
3037	9½	36 59.07	46 10 47.4	233	52	
3038	8	36 59.30	47 37 20.0	622	71	
3039	8	36 59.34	50 35 35.7	560	15	
	8½	59.39	34.3	548	154	
3040	8½	37 0.92	40 47 26.8	629	54	
3041	9	37 2.57	59 5 44.3	241	37	
	9½	2.60	45.9	552	29	
3042	8	37 2.71	31 17 56.0	252	4	
	8½	2.72	54.8	602	115	
3043	8½	37 4.13	44 19 31.5	637	25	
3044	9	37 5.84	49 33 34.5	618	107	
3045	8	37 6.08	23 45 51.0	230	102	
3046	9	37 6.74	57 57 11.6	218	90	
3047	6½	37 6.89	48 28 38.8	618	108	
3048	5	37 7.45	46 52 18.8	558	77	
3049	9	37 8.16	56 20 1.0	544	127	
3050	7½	37 8.72	31 47 4.4	602	116	
	7½	8.97	3.3	252	5	
3051	8½	37 8.75	42 8 43.7	620	84	
	8½	8.92	45.4	625	76	
3052	8½	37 9.43	69 13 21.5	238	32	
3053	9½	8 37 9.46	37 18 36.7	615	116	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3054	9	8 37 9.50	53 39 49.0	215	119	
3055	9	37 9.71	30 7 5.7	599	123	
	9	9.83	4.3	593	133	
3056	9½	37 10.51	43 14 31.6	627	79	
3057	8½	37 10.61	25 51 53.5	590	142	
	8½	10.87	54.5	225	91	
3058	10	37 11.09	38 15 55.4	617	122	
3059	8½	37 11.38	47 7 44.6	558	76	
3060	8½	37 11.86	36 43 33.8	227	70	
3061	9½	37 11.92	60 19 8.5	632	30	
3062	7½	37 11.99	59 6 8.3	552	28	
	7½	12.20	9.2	241	36	
	7½	12.30	9.1	218	92	
3063	9½	37 12.59	30 31 8.5	599	122	
3064	7½	37 12.67	52 21 29.1	212	128	
	7½	12.80	26.0	248	14	
	7½	12.87	25.9	542	131	
3065	9	37 15.00	67 7 30.7	557	7	
	9½	15.02	26.8	187†	8	
3066	9	37 15.62	43 48 18.7	627	78	
3067	9	37 15.94	40 15 11.8	629	55	
3068	9	37 17.09	47 35 50.5	622	72	
3069	8½	37 18.01	64 31 34.1	187†	7	
	9	18.09	33.7	216	91	
	8½	18.20	32.5	756	100	
	8½	18.45	33.4	557	6	
3070	7½	37 18.26	44 32 45.9	637	24	
3071	9	37 19.67	32 0 48.8	602	117	
	8½	19.70	44.6	609	115	
	9	19.71	44.7	252	6	
	9	19.72	47.6	609	116	
3072	8	37 21.84	23 59 29.2	603	104	
	8	21.90	29.2	230	103	
3073	9	37 23.19	28 19 9.9	244	24	
3074	8½	37 23.62	25 25 48.7	225	92	
	8	23.74	48.4	225	90	
3075	9½	37 24.41	39 57 55.3	634	47	
3076	9	37 24.75	54 5 46.6	215	121	
3077	8	37 25.13	62 4 58.0	236	29	
	8	25.28	58.5	175	116	
3078	10	37 25.29	35 18 50.4	612	107	
3079	8½	37 25.94	57 55 48.8	218	91	
3080	9½	37 26.58	50 11 35.1	560	16	
3081	9½	37 27.54	47 31 56.8	622	74	
3082	9	37 27.89	42 9 19.5	625	77	
	9	27.97	19.6	620	85	
3083	9	37 28.26	39 39 19.3	634	48	
3084	9	37 28.91	31 57 38.9	609	117	
3085	9	37 29.10	41 58 8.6	620	87	
	9	29.35	8.7	625	78	
3086	9	37 29.21	74 54 54.0	184†	2	
	9½	29.37	52.2	189†	5	
	9	29.47	55.0	636	19	
3087	9½	37 30.04	36 32 41.0	227	71	
3088	9	37 30.29	47 34 43.9	622	73	
3089	8½	37 33.10	42 9 5.5	620	86	
	8½	33.15	2.6	625	75	
3090	8½	37 33.39	40 15 30.7	629	56	
3091	8	37 34.01	55 43 20.7	546	138	
	8	34.05	19.5	546	136	
3092	9	37 34.73	45 6 20.0	637	27	
3093	9½	37 36.05	30 5 4.6	593	134	
3094	9	37 38.27	46 10 50.9	233	54	
	9	38.27	50.4	233	53	
3095	9½	37 38.86	35 55 58.5	227	72	
	9½	38.94	59.7	612	109	
3096	9½	37 39.13	30 14 37.3	599	124	
3097	7	37 39.97	57 6 1.0	544	128	dpl. II. n. sq.
3098	6	8 37 41.94	44 57 50.8	637	26	
	6	41.96	49.0	222	45	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
3099	9	8 37 42.80	39 21 35.9	634	49
3100	9	37 43.62	30 18 17.8	599	125
3101	8½	37 44.76	42 28 45.2	625	79
3102	8½	37 45.42	52 9 9.3	212	130
3103	9	37 47.51	40 22 53.8	629	57
3104	9	37 49.65	34 14 50.9	550	72
3105	8	37 50.61	36 56 1.5	615	117
3106	9	37 50.99	30 18 2.1	599	126
3107	5	37 51.15	59 18 54.4	241	38
	6	51.22	55.6	552	30
3108	8	37 51.70	29 4 29.6	244	25
	8½	51.74	32.0	593	135
3109	8	37 51.82	34 17 9.5	550	73
3110	9	37 54.26	72 58 14.9	636	17
3111	9½	37 54.30	59 43 58.6	632	32
3112	9½	37 54.72	35 49 49.6	612	110
3113	9	37 55.18	46 58 22.8	558	78
	9	55.26	26.3	558	81
3114	9	37 55.64	52 32 50.7	248	15
3115	9½	37 55.83	55 15 32.6	546	137
3116	9	37 55.84	38 57 6.7	634	50
	9½	55.86	4.7	617	123
3117	9	37 56.12	47 13 3.5	558	79
3118	8½	37 57.44	31 8 48.1	602	118
3119	9½	37 57.81	26 17 22.1	590	143
3120	9	37 58.69	36 4 2.4	227	73
	9	58.76	0.6	612	108
3121	9½	37 59.42	50 8 42.0	560	18
3122	8½	37 59.62	28 13 54.9	244	26
3123	8½	38 1.54	43 13 34.9	627	81
3124	9½	38 2.45	38 51 4.2	634	52
	9½	2.54	2.2	617	124
3125	9	38 4.15	50 4 33.5	560	19
3126	9	38 5.27	57 1 53.8	544	129
3127	8½	38 5.90	47 47 47.4	622	77
3128	9½	38 6.52	43 7 53.7	627	80
3129	9½	38 7.47	60 39 19.9	241	40
3130	10	38 7.93	24 8 3.5	230	105
3131	9	38 8.55	24 4 38.7	230	104
	9	8.83	41.4	603	105
3132	8	38 11.68	52 36 55.9	542	132
	8	11.71	56.3	248	16
	8	11.80	56.4	212	132
3133	9½	38 12.42	24 51 9.0	225	93
	9½	12.45	9.7	603	107
3134	8	38 12.67	46 7 51.6	233	55
3135	6	38 13.60	47 39 2.9	622	76
3136	9½	38 13.86	41 54 4.4	620	88
3137	9½	38 14.01	62 0 13.4	175	117
3138	8½	38 15.74	33 37 23.9	550	74
3139	9	38 16.25	24 15 28.2	603	106
3140	8½	38 17.06	61 15 11.0	175	118
3141	9½	38 17.21	50 48 37.4	560	20
3142	8	38 18.39	62 44 24.6	236	30
3143	9	38 22.74	54 19 31.3	215	123
3144	9	38 22.78	40 42 32.2	629	58
3145	9½	38 22.84	28 12 27.5	244	27
3146	7½	38 22.90	47 4 17.2	558	80
3147	9½	38 24.40	26 31 47.7	590	146
3148	9	38 24.40	64 23 31.4	216	92
	8½	24.42	30.2	756	101
3149	9	38 25.63	39 20 43.0	634	51
3150	8½	38 25.82	26 11 59.4	225	94
	8½	25.86	59.8	590	144
3151	7	38 25.99	68 49 45.3	238	33
3152	8½	38 28.95	45 6 19.0	222	47
	8½	29.04	22.6	637	28
3153	8	38 29.92	52 18 31.0	212	131
3154	9½	38 31.42	37 27 35.4	615	118
3155	9½	8 38 31.63	60 50 26.9	175	119

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3156	8	8 38 32.43	47 42 54.0	622	80	
3157	9	38 32.78	28 31 41.9	244	28	
3158	8½	38 33.25	52 42 40.3	212	134	
	8½	33.38	38.2	248	18	
3159	8	38 33.46	32 42 21.2	252	7	
3160	9	38 33.80	47 37 33.9	622	75	
3161	8½	38 34.07	46 1 46.6	233	56	
3162	7½	38 34.12	52 31 10.7	248	20	
	8	34.20	11.0	542	133	
3163	4	38 34.18	32 44 10.6	252	8	
	4	34.35	11.0	609	118	
3164	9½	38 34.47	59 50 33.6	632	33	
	9½	34.67	32.5	241	42	
3165	9	38 34.58	49 18 57.4	618	109	
3166	8	38 35.13	38 41 6.8	617	125	
3167	7½	38 35.15	76 33 40.6	596	51	
	7½	35.20	41.1	194†	66	
3168	9	38 36.41	43 30 53.2	627	82	
3169	9	38 36.59	38 14 45.1	617	128	
3170	8½	38 36.69	46 47 25.1	558	82	
	8½	36.79	29.4	558	84	
3171	9	38 37.95	59 23 7.7	552	31	
	9	38.06	8.9	241	39	
3172	9½	38 38.02	30 18 33.2	599	128	
3173	9	38 39.13	34 8 36.5	550	75	
3174	8	38 39.22	45 0 50.5	222	46	
	8	39.26	52.4	637	29	
3175	7	38 39.38	38 26 39.6	617	127	
3176	9	38 39.73	59 48 31.7	241	41	
	9	39.74	32.5	632	34	
3177	8½	38 41.57	28 34 19.2	244	29	
3178	8½	38 43.01	53 42 16.6	215	122	
3179	9½	38 43.23	64 20 49.2	216	93	
3180	9	38 43.86	30 13 14.7	599	127	
3181	6½	38 44.05	52 39 4.6	248	17	
	6½	44.10	6.3	212	133	
	6½	44.19	6.8	542	135	
3182	9	38 44.19	42 51 52.4	625	80	
	8½	44.19	55.9	627	83	
3183	9	38 44.68	26 32 4.4	590	145	
3184	9	38 45.06	37 48 23.4	615	120	
3185	9	38 45.54	47 46 34.6	622	78	dpl. IV, n.
3186	9	38 46.69	50 40 11.0	560	21	
3187	8½	38 47.17	33 0 14.2	252	10	
3188	9½	38 47.65	24 30 51.4	603	108	
3189	9½	38 47.92	36 12 0.7	612	111	
3190	6	38 50.38	52 39 56.5	212	135	
	6	50.48	56.2	248	19	
	6	50.51	54.8	542	134	
3191	9	38 50.45	47 40 45.0	622	81	
3192	9	38 50.59	23 47 24.1	230	106	
3193	8½	38 50.91	72 2 14.9	636	22	
3194	9½	38 51.71	38 0 32.8	615	119	
3195	7½	38 52.04	45 6 42.8	637	30	
	7½	52.15	42.8	222	48	
3196	8½	38 52.26	29 47 19.3	593	136	
3197	8	38 52.29	67 5 3.2	557	9	
	8	52.56	0.6	187†	9	
3198	9½	38 52.46	30 9 28.2	599	129	
3199	8	38 52.83	39 8 59.0	634	53	
3200	9½	38 53.77	69 5 14.6	238	35	
3201	9	38 53.79	42 45 12.0	625	81	
	9	53.99	13.6	625	83	
3202	9	38 54.11	66 20 24.2	187†	13	
	9	54.33	23.8	557	10	
3203	9	38 54.51	38 39 44.9	617	126	
3204	8½	38 55.65	34 11 6.8	550	76	
3205	9	38 55.89	46 33 56.4	558	83	
3206	9½	8 38 56.57	41 7 15.6	620	90	
3207	9	8 38 57.26	52 34 46.6	248	23	
3208	9	38 58.58	41 5 0.8	620	89	
3209	9	38 59.27	46 38 28.1	558	85	
3210	8	39 0.50	33 0 7.1	252	11	
3211	9½	39 0.53	68 51 45.2	238	36	
3212	8½	39 1.38	78 46 26.3	596	50	
3213	9	39 1.66	47 44 4.6	622	79	
	9	1.71	4.3	622	82	
3214	8½	39 3.78	63 53 15.4	216	95	
3215	7	39 3.82	55 19 34.6	546	139	
3216	9	39 4.00	55 18 33.7	546	140	
3217	8½	39 4.38	32 49 2.7	252	9	
	8½	4.67	5.1	609	119	
3218	9½	39 5.08	36 6 18.3	612	112	
3219	10	39 6.23	65 45 7.5	557	13	
3220	8	39 6.23	59 24 29.6	552	35	
	8	6.23	29.5	552	32	
3221	9	39 8.23	41 10 36.8	620	91	
3222	9	39 8.94	47 38 55.3	622	83	
3223	9	39 9.86	26 3 46.8	590	148	
	9	9.96	45.3	225	95	
3224	9	39 10.64	64 9 29.0	216	94	
3225	9½	39 11.15	40 5 19.0	634	55	
3226	7	39 11.78	74 7 44.2	189†	6	
	7	11.87	46.4	184†	6	
	7	11.91	45.4	636	20	
3227	9½	39 11.85	65 38 54.4	187†	15	
	9	12.13	56.1	557	14	
3228	7½	39 12.50	23 20 6.3	230	107	
3229	9	39 12.82	45 52 0.2	233	57	
3230	9	39 12.90	67 9 34.6	557	8	
	9	13.01	34.7	187†	10	
3231	9	39 13.71	37 35 23.7	615	122	
3232	9	39 13.77	43 11 24.0	627	85	
3233	8	39 15.08	67 22 21.3	238	38	
3234	9½	39 15.99	45 3 13.7	637	32	
3235	8	39 17.88	40 0 64.0	634	56	
	9	17.97	59.7	629	59	
3236	7½	39 18.29	38 19 46.9	617	129	
3237	9	39 18.79	44 40 56.7	637	35	
3238	9	39 19.97	66 25 45.4	187†	11	
	9	20.09	47.5	557	11	
3239	8½	39 20.21	75 43 15.9	596	52	
3240	9	39 20.53	48 15 27.4	618	110	
3241	8	39 21.65	74 37 22.4	189†	7	
	8	21.72	21.1	184†	3	
	8	21.76	25.5	636	24	
3242	9	39 21.67	40 47 49.3	629	60	
3243	8½	39 21.72	53 18 0.6	215	125	
	8	21.84	1.0	212	138	
3244	10	39 21.74	54 46 53.5	215	124	
3245	7	39 22.79	31 34 9.3	602	119	
3246	8½	39 23.43	58 58 50.8	552	33	
	8½	23.80	49.0	218	93	
3247	9½	39 23.69	37 33 10.5	615	121	
3248	7½	39 24.40	79 43 6.5	194†	64	
	7½	24.59	8.0	596	57	
3249	8½	39 25.28	44 41 11.5	637	34	
3250	9	39 25.90	43 2 1.3	625	82	
3251	8	39 25.98	28 40 2.5	244	30	
3252	9	39 27.15	45 5 38.4	222	49	
	9	27.23	39.0	637	31	
3253	9	39 27.55	69 12 39.2	238	34	
3254	7½	39 27.84	52 37 39.9	248	24	
	7½	27.86	41.3	212	136	
	7½	27.88	40.5	248	21	
	7½	27.91	39.8	542	136	
3255	9	39 28.19	41 32 21.4	620	93	
3256	9½	8 39 28.22	50 38 42.8	560	22	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
3257	9	8 39 28.77	55 53 52.1	544	130
3258	9	39 30.65	29 39 56.9	593	138
3259	9	39 31.85	26 55 51.9	244	31
3260	7	39 31.92	37 4 25.4	227	74
3261	9	39 32.09	55 11 3.7	546	141
3262	9	39 32.45	22 53 56.9	230	108
3263	9½	39 33.24	40 7 38.3	634	54
3264	9½	39 33.76	65 20 22.9	187†	16
3265	9½	39 34.56	34 41 17.2	550	77
3266	8½	39 34.61	25 55 32.2	590	149
	8½	34.75	33.1	225	96
3267	10	39 35.21	60 22 5.3	632	35
	10	35.41	6.6	241	44
3268	7	39 35.53	73 38 2.6	184†	7
	7	35.77	3.0	189†	9
	7	36.12	3.1	636	21
3269	9	39 35.78	52 40 14.9	248	25
	8½	35.86	13.7	542	137
	9	35.88	13.9	248	22
3270	7	39 36.40	66 22 4.7	557	12
	7	36.54	5.2	187†	12
3271	9	39 37.01	74 28 8.6	184†	5
3272	9½	39 37.96	35 36 59.9	612	114
3273	7½	39 38.06	46 20 50.4	233	59
3274	9	39 38.26	29 34 31.9	593	137
3275	9½	39 38.60	58 3 2.3	218	95
3276	8	39 39.76	59 4 38.8	552	34
	8½	40.01	36.7	218	94
3277	7½	39 41.51	51 45 30.0	542	138
3278	9	39 42.13	26 13 8.7	590	147
3279	9	39 42.59	46 2 56.7	233	58
	9	42.61	57.1	222	51
3280	9	39 43.14	57 7 43.1	544	131
3281	8½	39 43.81	44 10 50.7	637	33
3282	8½	39 45.69	65 48 57.1	187†	14
	8½	45.85	58.7	557	15
3283	6	39 45.70	49 22 16.5	618	111
	6	45.81	16.9	560	25
3284	8½	39 48.10	37 30 44.4	615	123
3285	8½	39 48.47	35 43 3.9	612	113
3286	9	39 49.45	41 28 31.1	620	92
3287	7½	39 50.62	51 33 9.3	542	139
3288	8	39 52.29	30 31 30.2	599	131
3289	9	39 53.65	29 59 27.1	593	139
	9	53.91	29.5	599	130
3290	8½	39 55.84	45 1 52.1	637	36
	8½	55.96	49.6	222	50
3291	4½	39 56.23	42 11 50.8	625	84
	5	56.26	49.6	620	95
3292	9	39 56.66	33 8 60.0	252	12
	8½	56.79	59.6	550	78
	9	56.82	62.2	609	120
3293	9	39 57.03	74 39 22.8	636	23
	9½	57.11	21.3	184†	4
3294	9	39 57.81	49 15 29.2	618	112
3295	9	39 58.84	26 4 41.1	590	150
3296	9½	39 58.99	25 31 20.2	225	97
3297	9	39 59.12	37 33 0.6	615	124
3298	9½	40 0.10	59 57 53.7	632	36
	9½	0.25	55.1	241	43
3299	7	40 0.57	50 11 59.7	560	24
3300	8	40 1.49	46 39 49.7	558	86
	7½	1.54	50.9	233	60
3301	8½	40 1.62	41 16 8.1	620	97
3302	8	40 2.33	53 4 17.4	212	137
	8	2.46	20.7	215	126
3303	9	40 2.70	27 6 55.0	244	32
3304	8½	40 2.83	70 52 19.7	636	25
3305	7	40 3.23	31 47 32.7	602	121
3306	6	8 40 3.25	36 41 37.8	227	75
3307	9	8 40 3.66	48 15 40.1	618	113
3308	9	40 3.78	42 17 2.7	625	85
3309	8½	40 4.07	41 51 10.4	625	88
3310	8½	40 4.56	43 17 12.4	627	84
3311	9	40 4.64	31 8 46.4	599	132
	9	4.66	44.8	602	120
3312	8½	40 5.11	67 25 42.2	238	37
3313	9½	40 5.66	34 49 44.5	550	81
3314	7½	40 6.92	40 49 24.3	629	61
3315	9½	40 6.97	35 32 30.3	612	115
3316	8½	40 7.22	39 28 36.7	634	57
3317	9½	40 7.25	55 11 59.2	546	142
3318	9½	40 7.82	37 29 28.9	615	125
3319	9	40 7.89	24 26 35.5	603	109
3320	9½	40 12.71	34 44 12.1	550	80
3321	9½	40 15.45	29 51 42.8	593	140
3322	9	40 15.73	50 2 15.4	560	23
3323	9	40 16.26	46 36 15.2	558	87
	8½	16.55	16.5	233	61
3324	7½	40 16.61	42 10 16.0	625	86
	7½	16.88	15.2	620	94
3325	8	40 18.04	76 17 39.7	194†	67
	7½	18.44	38.6	596	53
3326	8½	40 19.40	40 57 15.3	629	62
3327	9	40 20.32	43 51 12.1	627	87
3328	9	40 21.55	78 3 16.9	194†	65
3329	9	40 22.47	47 45 50.7	622	84
3330	8½	40 24.48	37 29 22.2	615	126
3331	9	40 24.91	41 51 42.0	625	87
3332	6½	40 24.92	24 55 61.8	603	111
	6½	24.98	59.9	225	98
3333	8	40 27.14	47 31 57.5	622	85
3334	9	40 29.40	41 3 43.7	629	63
	9	29.59	45.2	620	98
3335	8	40 31.98	27 24 6.5	244	33
3336	7	40 32.67	44 5 36.9	627	86
	7	32.68	38.0	637	37
3337	8½	40 33.26	64 47 15.2	216	96
	8	33.28	17.2	187†	18
3338	8½	40 33.98	34 10 8.2	550	79
3339	8½	40 37.46	40 58 23.0	629	64
	9	37.48	24.2	620	99
3340	8½	40 41.37	45 53 14.1	222	52
3341	9½	40 41.39	60 15 31.3	632	37
3342	8	40 42.07	41 25 28.4	620	96
3343	8½	40 42.18	39 29 10.9	634	58
3344	8½	40 42.18	48 12 48.5	622	86
	8½	42.21	48.8	618	114
3345	8½	40 43.04	24 13 20.3	603	110
3346	9½	40 44.57	60 18 53.3	632	39
	9½	44.94	54.5	241	45
3347	8½	40 46.89	55 19 13.5	546	143
3348	9	40 47.10	33 1 7.3	252	13
	9	47.25	8.6	609	121
3349	9	40 47.63	58 55 57.8	552	36
3350	8½	40 47.78	65 26 26.7	187†	17
3351	9½	40 47.95	77 9 63.4	596	55
	9½	48.16	58.0	194†	70
3352	7	40 48.70	26 9 26.5	590	151
	7½	48.71	27.3	225	100
3353	9	40 48.80	32 59 46.1	252	14
	9	48.89	48.5	609	122
3354	8½	40 49.20	46 51 31.2	558	89
3355	8½	40 49.27	56 11 21.2	546	144
	9	49.38	24.0	544	132
3356	9½	40 50.14	34 49 44.6	550	83
3357	7	40 51.38	31 42 31.0	602	122
	7	51.43	31.6	252	15
3358	8	40 53.94	39 17 54.3	634	59
3359	9½	8 40 55.78	38 37 54.0	617	130

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3360	9	8 40 55.84	24 55 43.0	603	112	
	10	55.94	42.5	225	99	
3361	8	40 56.68	45 35 2.6	222	55	
3362	7	40 57.57	61 13 58.6	175	120	
3363	7½	40 58.01	36 17 13.9	227	76	
3364	9½	40 58.35	36 13 53.8	227	77	
3365	9	40 58.43	46 44 46.0	558	88	
	9	58.52	47.2	558	90	
3366	8	40 59.22	45 27 7.2	222	54	
3367	9½	40 59.70	77 4 18.2	194†	69	
	9½	59.88	17.0	596	54	
3368	9	41 0.90	61 50 50.3	175	121	
	9½	1.03	53.5	236	31	
3369	9½	41 1.26	38 34 3.5	617	131	
3370	9	41 2.89	41 2 42.2	620	100	
	9½	2.90	39.4	629	65	
3371	9	41 3.01	60 16 27.1	632	38	
	9	3.29	26.8	241	46	
3372	9½	41 3.10	60 7 26.2	632	40	
	9½	3.39	27.7	241	47	
3373	8½	41 3.30	59 8 2.5	552	37	
	9	3.33	3.2	241	48	
	8½	3.60	1.3	218	96	
3374	7½	41 4.60	37 25 19.0	615	127	
3375	8	41 5.34	26 10 17.6	590	152	
	8	5.50	18.9	225	101	
3376	8½	41 5.46	45 27 37.1	222	57	
	8	6.—	35.0	222	53	
3377	9½	41 7.38	23 52 —	230	109	
3378	8½	41 8.55	31 0 57.7	599	133	
	8	8.57	57.9	602	123	
3379	9	41 8.72	38 56 27.8	634	60	
3380	8½	41 9.13	42 52 26.6	627	89	
3381	7	41 10.87	40 9 37.7	629	69	
3382	8½	41 11.00	27 28 52.8	244	34	
3384	9½	41 11.77	41 57 54.8	625	89	
3385	7½	41 12.43	52 37 28.8	212	140	
	8	12.53	27.7	248	26	
	7½	12.55	28.6	212	139	
	8	12.63	28.2	542	140	
3386	8	41 12.50	44 31 52.8	637	38	
3387	8½	41 12.62	46 13 54.9	233	63	
3388	9½	41 12.83	35 30 57.8	612	116	
3389	9	41 13.72	34 44 11.2	550	82	
3390	9	41 13.96	48 54 3.7	618	115	
3391	9½	41 14.05	63 18 27.9	236	32	
3392	2	41 15.06	54 15 3.1	546	145	δ *Velorum*
	2	15.09	1.6	215	127	
3393	9½	41 15.34	51 11 17.6	542	142	
3394	9	41 15.34	28 4 5.5	244	35	
3395	8	41 15.57	36 33 32.5	227	78	
3396	9	41 16.15	75 16 23.4	194†	68	
3397	8½	41 18.22	49 7 19.9	618	116	
3398	9	41 19.39	42 9 52.2	625	91	
3399	8	41 20.32	39 50 32.5	634	61	
	8	20.49	30.6	629	66	
3400	8½	41 21.97	28 10 56.5	244	36	
3401	7½	41 22.28	29 18 3.3	593	141	
3402	9	41 22.38	30 53 31.7	252	17	
	9½	22.44	33.3	602	124	
	9	22.49	32.2	599	134	
3403	7½	41 23.64	29 16 15.3	593	142	
3404	8½	41 24.53	41 52 54.6	625	90	
3405	9½	41 25.39	51 5 28.1	542	141	
3406	7½	41 25.63	43 47 32.0	627	88	
3407	9½	41 26.79	31 7 10.2	599	135	
3408	9½	8 41 27.05	38 8 37.5	615	128	
	9	27.14	38.4	617	133	
3409	9	8 41 27.46	32 23 3.6	609	125	
3410	9½	41 28.03	75 10 58.2	189†	8	
	9½	28.46	58.8	636	27	
3411	10	41 28.17	59 40 39.7	552	38	
3412	8½	41 28.64	30 7 2.3	593	143	
3413	9	41 28.83	35 56 26.2	612	117	
3414	8½	41 29.70	32 14 49.0	609	124	
3415	8	41 30.68	64 29 2.9	216	97	
	8	30.84	3.8	187†	19	
3416	9	41 32.86	62 11 17.0	175	122	
3417	8½	41 34.01	46 24 8.3	233	62	
3418	8	41 35.51	32 47 21.9	609	123	
3419	8½	41 35.57	47 28 25.8	622	87	
3420	9½	41 36.82	37 50 52.7	615	129	
	9	37.06	52.0	617	132	
3421	9	41 39.51	50 17 48.7	560	26	
3422	8	41 39.94	43 17 45.7	627	91	
3423	8½	41 40.39	58 34 38.9	218	97	
3424	7½	41 41.34	72 8 25.1	189†	10	
	7½	41.77	25.0	636	26	
	7½	41.81	22.5	184†	8	
3425	9	41 41.55	43 0 20.1	627	90	
3426	8½	41 42.30	39 56 23.7	634	63	
	8½	42.42	22.7	629	68	
3427	9	41 42.31	50 16 39.0	560	27	
3428	9	41 43.54	35 7 50.8	612	118	
	8½	43.62	50.1	550	84	
	8½	43.71	49.7	550	87	
3429	4	41 47.58	45 35 4.5	222	56	
3430	9	41 47.87	47 7 12.2	558	93	
	8½	47.88	14.3	622	92	
3431	9	41 48.72	44 41 9.8	637	40	
	9	48.75	7.6	637	39	
3432	6½	41 49.23	40 40 7.0	629	70	
3433	9	41 49.56	31 46 38.5	602	125	
	9	49.66	38.3	252	16	
3434	9	41 49.59	42 18 7.5	625	93	
3435	9	41 51.03	39 56 32.1	629	67	
	9	51.21	34.4	634	62	
3436	9	41 52.79	40 55 32.8	620	101	
3437	9	41 54.17	49 5 9.2	618	117	
3438	9½	41 54.90	59 12 31.7	241	50	
	9½	54.94	31.7	552	39	
3439	9	41 55.64	52 28 41.8	542	144	
	8	55.81	42.8	248	27	
	9	55.91	45.0	212	141	
3440	9	41 56.37	53 10 34.4	215	131	
3441	9	41 57.19	57 53 22.6	218	100	
3442	8	41 57.32	48 13 48.2	622	88	
	7½	57.37	47.1	618	118	
3443	9½	41 58.06	62 13 47.6	175	123	
3444	8½	41 59.69	36 20 22.9	227	79	
3445	9	42 0.18	23 44 6.8	230	110	
	8½	0.20	9.5	230	112	
3446	9	42 1.26	26 35 34.7	590	153	
3447	8½	42 1.45	46 56 18.6	622	89	
	8	1.65	20.0	558	91	
3448	8½	42 2.46	30 0 58.1	593	144	
	8½	2.60	59.9	599	136	
3449	8	42 3.80	62 4 0.4	175	124	
	8½	3.95	3.9	236	34	
3450	7	42 3.88	42 6 31.4	625	92	
	7½	3.92	32.2	620	102	
3451	7	42 4.36	39 27 0.2	634	64	
3452	9	42 4.93	51 7 41.5	542	143	
3453	7½	42 5.53	52 30 55.8	542	145	
	8	5.69	53.9	212	142	
	8	5.71	55.3	248	28	
3454	8½	8 42 6.34	42 20 0.7	625	94	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3455	9½	8 42 6.51	44 26 41.8	637	41	
3456	9	42 6.88	77 9 42.8	194†	71	
	9	7.30	43.3	596	56	
3457	7½	42 7.26	58 16 2.7	218	98	dpl. II. n. pr.
3458	9½	42 8.02	28 18 26.6	244	38	
3459	8	42 8.41	39 2 18.3	617	134	
	7½	8.48	20.0	634	67	
3460	9	42 9.34	28 20 51.7	244	37	
3461	9	42 10.24	34 59 39.5	612	119	
	8½	10.31	42.1	550	85	
3462	8½	42 10.58	23 56 2.7	603	113	
	8	10.61	3.4	230	113	
3463	8½	42 11.05	53 3 53.5	215	132	
3464	8½	42 11.68	47 0 42.4	558	94	
	8½	11.71	42.4	622	90	
3465	7½	42 12.11	47 5 33.8	558	92	
	7½	12.11	33.4	622	91	
3466	9½	42 12.35	38 39 17.9	617	135	
3467	7	42 14.30	73 9 47.5	189†	11	
	7½	14.59	44.4	184†	9	
	7	14.72	47.2	636	29	
3468	9	42 14.48	67 23 53.4	238	40	
3469	9½	42 14.88	46 12 44.6	233	65	
3470	8½	42 14.88	54 45 58.3	546	147	
	8½	15.09	58.4	215	128	
3471	8	42 14.92	43 30 42.9	627	93	
3472	6½	42 15.60	45 27 16.1	222	58	
3473	9	42 16.81	23 53 3.3	603	114	
	9	16.92	4.2	230	111	
3474	9½	42 17.84	34 55 31.4	612	120	
	9	17.89	30.4	550	86	
3475	9	42 17.90	66 57 34.1	557	16	
	9	17.92	34.9	238	39	
3476	8½	42 18.77	29 12 47.2	593	145	
3477	9	42 19.30	39 27 6.4	634	65	
3478	10	42 21.04	46 13 48.3	233	64	
3479	8½	42 21.22	43 23 16.1	627	92	
3480	8½	42 22.71	55 15 9.3	546	149	
3481	7½	42 24.86	55 24 3.3	546	148	
3482	7	42 26.04	34 8 30.9	550	89	
3483	8½	42 28.19	58 0 2.3	218	99	
3484	8½	42 29.92	37 39 41.2	615	131	
3485	9½	42 30.56	54 45 59.3	215	129	
3486	9½	42 31.21	23 55 4.6	603	115	
3487	8½	42 32.04	52 34 13.1	212	147	
	8½	32.06	10.3	248	30	
	8½	32.11	12.3	212	144	
3488	7½	42 32.41	54 30 9.0	215	130	
	7½	32.66	9.8	546	146	
3489	9½	42 34.18	23 54 47.4	230	114	
3490	7½	42 34.21	36 17 30.2	227	80	
3491	8	42 36.43	32 51 28.7	252	18	
	8½	36.45	28.3	609	126	
	8	36.47	27.8	550	91	
3492	8½	42 37.69	52 40 16.2	248	31	
	9	37.75	17.4	212	148	
3493	9½	42 37.94	45 59 33.0	222	60	
3494	8	42 38.65	43 37 1.0	627	94	
3495	9	42 39.42	37 34 25.5	615	130	
3496	8½	42 39.75	42 14 42.6	625	97	
3497	9	42 40.32	40 58 30.9	629	72	
3498	8½	42 40.93	48 18 29.6	618	119	
3499	7½	42 41.95	39 20 28.1	634	66	
3500	8½	42 42.00	40 44 19.2	629	71	
	8	42.08	20.5	629	73	
3501	9½	42 42.59	60 9 41.3	632	41	
3502	9½	42 42.69	62 33 55.9	236	33	
3503	6½	42 42.83	67 45 26.8	238	41	
3504	9½	8 42 43.76	37 30 17.8	615	132	
3505	7½	8 42 43.91	52 23 10.0	542	146	
	7½	44.02	9.2	212	145	
	7½	44.15	8.3	248	29	
	7½	44.23	10.3	248	33	
3506	9½	42 44.43	44 50 55.3	637	42	
3507	9	42 44.71	42 10 48.7	620	104	
	9	44.73	49.0	625	96	
3508	6½	42 45.36	65 22 22.7	216	99	
	6½	45.37	24.5	187†	21	
	6½	45.51	24.0	557	17	
3509	7	42 46.49	44 36 58.0	637	43	
3510	10	42 46.61	59 8 30.2	552	41	
3511	9½	42 47.13	31 24 18.3	602	126	
3512	8½	42 48.03	42 8 34.4	620	103	} dpl.
3513	8½	42 48.62	42 8 32.8	625	95	
3514	9	42 49.14	52 27 54.3	212	143	
	9	49.28	55.5	248	34	
3515	9	42 49.15	59 12 52.5	552	40	
	9	49.17	53.7	241	49	
3516	7½	42 49.20	32 56 18.4	550	92	
	7	49.24	18.4	252	19	
	7	49.25	19.0	609	127	
3517	9	42 50.41	33 2 20.4	252	20	
	9	50.68	21.9	609	128	
3518	9½	42 51.61	42 15 58.3	625	98	
3519	9	42 51.82	30 46 52.8	599	137	
3520	8	42 51.91	52 25 10.9	542	147	
	8	51.97	9.7	248	32	
	8	52.02	10.6	212	146	
3521	8	42 52.04	65 14 23.2	216	98	
	8	52.19	24.1	557	18	
	8	52.36	23.9	187†	22	
3522	9½	42 52.29	46 40 43.3	558	95	
3523	9	42 52.94	47 22 17.6	622	94	
3524	9	42 54.47	33 42 29.5	550	90	
3525	8½	42 55.39	39 46 15.9	634	68	
3526	9	42 55.55	42 0 59.1	620	106	
3527	7½	42 56.40	41 59 35.3	620	105	
3528	7	42 57.18	38 31 55.4	617	136	
3529	7	42 58.50	28 10 38.9	244	39	
3530	8½	42 59.18	42 18 34.5	625	100	
3531	7	43 0.73	38 28 53.7	617	137	
3532	8½	43 0.83	43 36 26.5	627	95	
3533	9½	43 2.11	49 41 55.7	560	28	
	9½	2.15	54.9	618	120	
3534	9	43 2.41	35 15 57.5	612	121	
3535	9½	43 3.08	60 25 46.0	632	42	
3536	8½	43 3.84	42 1 32.9	620	107	
3537	9	43 3.90	42 15 0.3	625	99	
3538	6½	43 4.64	45 41 46.6	222	61	
3539	9	43 6.49	47 26 47.3	622	93	
3540	9	43 6.52	37 31 43.9	615	133	
3541	9	43 10.03	49 52 51.1	560	30	
3542	9	43 11.23	47 23 32.6	622	95	
3543	8½	43 11.48	34 50 44.2	550	88	
3544	8½	43 12.03	45 35 24.7	222	62	
3545	9½	43 13.24	44 1 27.3	637	44	
3546	8½	43 13.27	25 11 33.5	225	103	
3547	8	43 13.63	74 9 21.1	189†	12	
	7½	13.88	22.2	636	30	
	7½	14.03	20.2	184†	11	
3548	8	43 14.95	45 59 26.4	222	59	
	8	14.99	27.5	233	67	
3549	9½	43 15.67	35 57 1.2	612	122	
	9	15.79	1.9	227	81	
3550	9	43 16.63	59 45 50.1	552	42	
	9	16.68	49.9	632	43	
	9	16.88	52.6	241	51	
3551	8½	8 43 17.01	53 44 16.9	215	133	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
3552	7½	8 43 17.37	41 48 47.6	620	109
3553	8	43 17.61	24 59 0.5	225	102
	8½	17.65	1.3	603	116
3554	9	43 17.84	46 12 49.9	233	66
3555	9½	43 19.22	54 21 44.9	215	134
3556	9½	43 19.64	57 30 44.3	218	101
3557	9½	43 20.67	52 31 39.0	248	35
3558	9	43 24.82	64 43 26.3	187†	20
3559	9	43 25.12	30 19 19.0	599	139
3560	9	43 25.62	30 56 45.9	602	127
	9	25.81	45.2	599	138
3561	9½	43 25.63	29 6 51.8	244	40
	9½	25.64	52.0	593	146
3562	9	43 27.22	46 44 49.0	558	96
3563	7½	43 27.61	42 53 42.9	627	97
3564	9½	43 28.30	44 6 18.1	637	45
3565	8	43 28.59	63 26 19.6	557	19
3566	5	43 28.89	56 18 39.7	544	133
3567	9½	43 29.10	37 37 28.3	615	134
3568	9	43 31.05	55 15 51.5	546	150
3569	9	43 34.16	49 42 28.7	560	29
3570	9	43 34.93	29 51 12.9	593	148
3571	9	43 35.75	44 9 0.6	637	46
3572	9	43 36.18	32 10 14.8	609	130
3573	9	43 36.82	49 8 17.7	618	123
3574	9	43 38.28	38 36 51.4	617	140
3575	9	43 38.46	45 28 15.5	222	64
3576	7	43 38.52	42 0 9.2	620	108
	7	38.70	11.7	625	101
3577	9	43 38.72	49 5 15.1	618	121
3578	9	43 38.82	39 7 18.6	634	69
3579	8½	43 38.97	45 27 38.4	222	63
3580	9	43 39.31	45 8 31.0	637	47
3581	9½	43 39.91	28 20 15.7	244	41
3582	9	43 40.86	40 13 41.3	629	74
3583	9	43 41.11	65 39 32.8	216	100
	8½	41.20	33.7	187†	23
3584	9	43 41.18	54 19 50.8	215	135
3585	8	43 41.77	71 22 11.6	636	28
3586	9½	43 42.72	24 13 36.0	603	117
3587	9	43 44.55	67 49 54.3	238	42
3588	9½	43 44.67	32 0 16.8	609	129
3589	9	43 45.46	43 28 27.0	627	96
3590	9½	43 46.15	55 22 33.7	546	151
3591	9½	43 48.76	71 0 15.9	238	43
3592	9	43 50.50	26 38 7.7	590	156
3593	9½	43 51.70	39 20 2.1	634	70
3594	8½	43 51.84	29 45 19.7	593	147
3595	9½	43 52.89	60 4 11.8	632	44
	9½	53.05	12.6	241	52
3596	8	43 53.10	38 33 27.8	617	138
3597	8½	43 53.34	36 8 20.1	612	123
	9	53.50	20.7	227	82
3598	9½	43 53.52	55 22 35.6	546	152
3599	9	43 54.36	71 17 51.9	636	32
3600	8½	43 55.08	25 57 41.3	225	104
	8	55.10	42.5	590	154
3601	9	43 56.28	37 32 29.4	615	135
3602	8½	43 56.50	34 19 19.4	550	93
3603	8½	43 56.75	51 8 20.5	542	149
3604	9½	43 57.84	70 30 40.3	238	45
3605	9	43 58.87	39 20 40.7	634	71
3606	9	43 59.42	33 11 9.5	252	21
	9	59.55	11.2	609	131
3607	8½	43 59.45	31 48 51.1	252	22
	9	59.63	52.3	602	128
3608	9	44 0.13	35 25 31.4	612	125
3609	8	44 0.24	41 56 19.5	620	110
	8	0.35	23.5	625	104
3610	7½	8 44 0.55	38 46 23.8	617	141
3611	8½	8 44 1.09	57 36 59.6	544	134
	8	1.13	60.2	218	102
3612	9	44 2.29	24 19 24.9	603	118
3613	7	44 2.92	49 6 38.7	618	122
3614	9	44 5.31	29 46 40.3	593	149
3615	9	44 5.76	49 45 5.1	560	31
3616	9	44 9.50	46 26 54.3	558	97
	9	9.57	54.6	233	68
3617	9½	44 9.50	65 54 53.3	216	101
	9	9.65	53.2	187†	24
3618	9½	44 10.27	62 24 18.7	175	125
3619	7	44 10.70	38 30 29.0	617	139
3620	9	44 10.88	42 2 18.5	625	102
	9	10.93	16.7	620	111
3621	9	44 11.15	63 6 53.5	236	36
3622	9½	44 11.16	60 43 52.1	175	127
3623	9½	44 11.17	53 6 18.7	212	154
3624	9	44 12.75	26 38 38.6	590	155
3625	8	44 13.03	39 49 41.1	629	75
	7½	13.12	40.7	634	73
3626	9½	44 13.15	45 6 32.1	637	48
3627	9	44 13.96	34 55 51.9	612	124
	8½	14.04	47.6	550	94
3628	9	44 15.34	49 17 40.1	618	124
3629	8½	44 17.02	55 55 7.1	546	154
3630	8½	44 18.05	30 28 8.2	599	140
3631	7½	44 20.04	38 57 8.0	634	72
	7½	20.30	7.9	617	142
3632	7	44 20.18	52 23 19.7	248	36
	7	20.21	19.7	212	149
	6½	20.33	19.1	542	148
3633	8½	44 20.91	47 4 25.8	622	96
	8½	21.07	29.6	558	98
3634	9	44 21.34	60 44 12.6	175	126
3635	9	44 22.18	47 10 37.4	622	97
3636	9	44 22.57	55 56 1.7	546	153
3637	9½	44 24.24	31 38 24.5	602	129
3638	8½	44 24.83	53 27 2.6	212	150
	9	24.88	2.6	215	136
3639	7½	44 24.91	27 47 31.8	244	42
3640	7½	44 25.19	62 43 47.0	236	35
3641	8½	44 28.52	47 19 0.4	622	99
3642	9½	44 29.35	41 48 11.5	620	113
3643	8½	44 29.53	53 7 51.8	215	138
	8½	29.58	51.5	212	152
3644	8	44 29.81	23 29 18.6	230	116
3645	8½	44 31.03	24 6 56.7	603	119
	8½	31.23	55.2	230	115
3646	8½	44 32.20	48 29 40.5	622	100
3647	9	44 33.52	75 13 15.8	636	31
	9	33.55	14.6	189†	13
3648	9	44 34.48	27 8 7.0	244	43
3649	9½	44 35.13	30 3 25.9	599	141
3650	9	44 36.08	49 20 40.4	560	32
	9	36.12	40.6	618	126
3651	8	44 37.10	47 18 1.6	622	98
3652	9½	44 37.49	35 23 29.8	612	126
3653	8	44 37.94	43 17 53.7	627	99
3654	9	44 38.10	70 30 1.3	238	44
3655	9½	44 38.73	38 12 4.3	615	136
3656	8½	44 38.79	25 18 28.4	225	105
3657	8½	44 38.96	53 7 15.1	212	153
	8½	39.18	14.6	215	139
3658	9	44 39.81	49 54 28.1	560	34
3659	9	44 40.30	29 12 7.7	593	151
3660	10	44 40.50	60 3 22.0	632	45
	10	40.53	24.2	241	53
3661	9½	8 44 40.81	53 19 29.5	212	151
	9½	40.85	29.5	215	137

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3662	8½	8 44 41.05	32 24 13.8	252	23	
	8½	41.43	16.6	609	133	
3663	9	44 42.51	34 23 7.2	550	95	
3664	9	44 43.13	41 52 7.5	625	103	
	9	43.21	6.2	620	112	
3665	8½	44 45.92	59 9 22.5	552	43	
	8½	46.44	23.5	241	54	
	8½	46.55	22.8	218	106	
3666	9	44 46.83	49 14 41.0	618	125	
	8½	46.83	42.7	618	127	
3667	5½	44 46.83	32 18 51.9	252	24	
	6	46.86	51.0	609	132	
3668	9	44 47.74	37 28 55.9	615	137	
3669	8½	44 47.80	40 28 19.0	629	76	
3670	9	44 47.81	50 44 57.4	560	35	
3671	6½	44 48.06	28 59 54.1	593	150	
3672	9	44 48.43	57 35 51.9	218	103	
3673	8½	44 48.60	43 26 53.0	627	98	
3674	9½	44 49.89	45 9 55.8	637	52	
	9½	50.05	54.3	222	67	
3675	8	44 50.23	45 10 29.7	222	66	
	8	50.25	29.9	637	50	
3676	9	44 53.08	66 4 35.0	216	102	
	8½	53.13	36.1	187†	25	
	8½	53.44	36.4	187†	27	
3677	9	44 53.36	39 6 51.9	617	143	
3678	8	44 53.99	42 54 25.3	627	100	
3679	8½	44 57.05	42 32 31.0	625	106	
3680	9	44 57.18	41 6 0.7	620	116	
3681	9	44 57.84	44 53 7.9	637	49	
3682	8	44 57.91	73 50 42.0	189†	14	
	8	58.10	43.8	636	36	
	8	58.35	40.9	184†	10	
3683	8	44 58.59	63 21 3.5	236	37	
	8	58.83	5.1	557	20	
3684	9½	44 58.81	50 43 17.3	560	36	
3685	8½	44 58.99	34 18 4.6	550	96	
3686	6	44 59.99	39 51 20.6	629	77	
	6	60.02	20.0	634	74	
3687	9½	45 3.19	25 17 37.3	225	106	
3688	8½	45 3.31	46 5 18.4	222	65	
	8½	3.35	22.1	233	69	
3689	8½	45 3.67	29 57 5.1	599	142	
3690	7½	45 4.54	36 9 7.1	227	84	
3691	8	45 5.42	57 11 45.3	544	135	
3692	8½	45 6.71	41 17 17.7	620	115	
3693	9½	45 7.56	23 20 9.8	230	118	
3694	8½	45 8.05	79 13 2.2	194†	74	
	8	8.74	5.4	596	59	
3695	8½	45 8.99	33 45 53.9	550	97	
3696	7	45 9.59	38 40 43.0	617	144	
3697	9	45 10.00	36 10 41.1	227	83	
3698	9½	45 10.66	57 35 6.0	218	104	
3699	8	45 10.84	42 21 32.3	625	105	
3700	9	45 12.13	46 55 52.5	558	100	
3701	9½	45 12.83	35 28 59.7	612	128	
3702	5	45 13.69	27 14 48.3	244	44	
3703	9½	45 13.79	24 9 38.8	230	117	
3704	8	45 13.85	41 16 41.6	620	114	
3705	9	45 14.39	64 28 59.4	216	103	
3706	8½	45 15.37	39 54 57.3	634	75	dpl. I. s. pr.
	8½	15.41	53.6	629	78	
3707	8½	45 15.56	47 1 27.4	558	99	
3708	9	45 15.88	27 38 19.0	244	45	
3709	9	45 20.65	27 39 16.4	244	46	
3710	9	45 20.71	50 52 45.3	560	37	
	9	20.72	43.3	542	150	
3711	7½	8 45 20.71	36 12 35.1	612	129	
	7½	20.80	35.9	227	85	
3712	9	8 45 21.03	37 22 15.1	615	138	
3713	8½	45 21.62	29 17 7.0	593	152	
	8½	21.69	4.9	593	153	
3714	8½	45 22.38	52 38 19.3	212	155	
	8	22.46	19.8	542	152	
3715	7½	45 23.06	57 45 48.0	218	105	
3716	9½	45 23.34	36 56 36.9	615	140	
3717	9	45 23.40	32 27 7.6	252	25	
3718	9	45 23.55	47 42 37.5	622	101	
3719	8	45 23.58	25 39 8.3	225	107	
3720	9	45 23.61	64 0 45.9	557	22	
3721	8½	45 24.59	47 52 40.5	622	102	
3722	9	45 25.24	37 20 56.1	615	139	
3723	8½	45 26.62	49 50 32.7	560	33	
3724	9	45 26.68	73 15 1.3	636	35	
3725	6	45 28.39	44 50 35.4	637	51	
3726	8	45 28.60	35 27 52.9	612	127	
3727	6	45 30.80	78 30 30.2	194†	73	
	6	31.21	30.5	596	58	
3728	9	45 31.11	25 53 6.1	590	158	
3729	9	45 31.29	52 27 5.8	212	157	
	9	31.34	4.2	542	151	
	9	31.36	5.0	542	153	
3730	9	45 32.50	59 6 37.3	552	44	
	9	32.53	36.0	241	55	
	8½	32.54	35.1	218	108	
3731	7½	45 32.99	41 38 28.1	620	117	
3732	9	45 33.03	26 28 12.4	590	157	
3733	8	45 33.56	76 39 40.2	194†	76	
	8	33.74	40.2	596	63	
3734	9½	45 33.68	60 12 11.0	632	46	
3735	10	45 34.04	46 5 1.5	233	70	
3736	8½	45 34.58	42 5 40.9	625	107	
3737	8½	45 34.81	40 8 14.6	634	76	
	8½	34.93	14.0	629	80	
3738	8½	45 35.87	37 50 53.5	617	145	
3739	8	45 36.67	57 1 25.8	544	136	
3740	9½	45 37.86	52 42 49.5	212	156	
3741	8	45 37.86	32 35 55.6	252	26	
	8½	37.90	57.4	609	134	
3742	9½	45 39.15	24 53 25.5	603	120	
	9½	39.34	25.4	225	108	
3743	9	45 39.87	44 6 44.3	627	101	
3744	9½	45 40.87	40 8 12.8	634	77	
3745	9½	45 42.30	24 54 13.4	603	121	
3746	9	45 43.90	59 5 54.5	552	45	
	9	44.02	56.5	241	56	
	9	44.06	53.5	218	107	
3747	8½	45 43.91	47 54 6.0	622	103	
3748	9½	45 44.15	47 13 10.2	558	103	
3749	9	45 44.70	41 43 58.3	620	119	
3750	9½	45 44.77	63 28 33.2	557	21	
3751	9	45 45.62	32 45 47.0	252	27	
	9½	45.66	48.5	609	136	
3752	9½	45 46.45	47 10 5.8	558	102	
3753	8½	45 46.64	40 4 50.1	634	78	
	8½	46.79	49.4	629	79	
3754	8½	45 47.39	54 48 3.2	546	157	
3755	9	45 48.11	44 51 33.7	637	55	pr.
3756	6½	45 48.17	41 37 25.3	620	118	
3757	8	45 48.55	59 29 18.2	552	46	
	8	48.61	20.6	241	58	
3758	9	45 48.73	39 16 45.4	634	79	
3759	9½	45 48.96	60 30 51.7	632	48	
3760	10	45 49.74	44 51 33.9	637	56	sq.
3761	10	45 50.69	30 56 36.9	599	143	
3762	9	45 51.07	71 28 51.7	636	33	
	9	51.13	49.7	184†	13	
3763	8½	8 45 51.81	47 3 18.5	558	101	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3764	7	8 45 52.68	74 19 41.8	189†	15	
	7	52.69	42.8	184†	12	
	7	52.93	42.0	184†	14	
3765	9	45 54.65	32 58 10.5	609	135	
	8½	54.69	9.7	550	98	
3766	8½	45 55.06	59 35 38.6	552	48	
	8½	55.30	38.7	241	60	
3767	9	45 55.77	60 10 26.1	632	47	
3768	9	45 56.39	45 3 24.6	637	53	
	9	56.42	22.4	222	68	
3769	8½	45 57.42	36 49 17.4	615	141	
3770	9	45 58.30	37 46 41.3	617	146	
3771	9	45 58.50	57 7 22.9	544	138	
3772	7½	46 0.01	78 35 33.3	596	60	
	7½	0.19	31.8	194†	72	
3773	9½	46 2.62	46 1 11.0	233	71	
3774	8½	46 2.74	62 57 56.0	236	38	
3775	7½	46 2.87	42 50 46.9	627	102	
3776	8	46 5.04	33 57 10.3	550	99	
3777	8½	46 5.35	57 12 39.7	544	137	
3778	9½	46 6.77	30 55 26.8	602	130	
	9½	7.03	26.4	599	144	
3779	8½	46 8.61	55 41 38.4	546	155	
3780	9	46 9.32	49 51 27.6	560	38	
3781	8	46 9.42	76 35 26.8	194†	77	
	8	9.57	26.8	596	62	
3782	9½	46 10.61	29 53 26.8	593	154	
3783	9½	46 11.09	53 33 20.9	215	140	dpl. II. sq.
3784	9½	46 11.34	43 12 56.0	618	130	
	9	11.51	58.6	622	105	
3785	9	46 11.71	24 16 47.4	603	122	
3786	7½	46 12.84	49 27 30.1	618	123	
3787	9½	46 13.37	42 42 50.5	625	110	
3788	7½	46 14.05	25 44 17.3	225	109	
3789	9	46 14.32	42 42 18.4	625	109	
3790	9	46 15.51	54 44 6.3	215	141	
	9	15.57	5.9	546	158	
3791	9	46 16.04	42 11 19.7	625	108	
3792	9	46 16.15	48 6 49.8	622	104	
	9	16.44	49.4	618	129	
3793	8½	46 16.20	50 7 31.8	560	39	
3794	9	46 18.32	30 9 32.8	599	145	
3795	5½	46 19.19	46 3 42.7	222	69	
	5½	19.30	42.1	233	72	
3796	9	46 19.34	72 29 46.3	636	34	
	9	19.48	45.9	189†	16	
3797	8½	46 20.03	40 34 22.5	629	81	
3798	9	46 22.17	35 58 46.2	227	86	
3799	9½	46 22.80	26 11 17.4	590	159	
3800	9	46 24.18	63 24 22.6	557	23	
	9½	24.51	20.1	236	39	
3801	9	46 24.93	59 34 14.3	241	59	
	9	24.97	13.0	552	47	
3802	8½	46 25.05	67 7 52.9	187†	26	
3803	9	46 25.98	40 34 18.2	629	82	
3804	9	46 26.17	43 22 21.4	627	103	
3805	9	46 26.66	41 28 48.2	620	121	
3806	7½	46 26.79	43 17 4.7	627	104	
3807	9	46 26.89	41 34 8.9	620	120	
3808	9	46 27.86	44 47 10.2	637	58	
	9	27.90	6.3	637	54	
3809	7½	46 27.96	38 9 54.9	615	142	
	7½	28.07	57.4	617	147	
3810	7½	46 27.98	64 57 57.8	187†	28	
	7½	27.98	57.8	216	105	
	8	28.03	58.9	557	26	
3811	8	46 32.92	28 59 38.5	244	47	
3812	10	46 33.18	66 53 12.2	238	46	
3813	8	8 46 33.83	54 36 44.5	546	159	
	8½	33.89	44.8	215	142	
3814	9	8 46 34.68	43 57 7.9	627	107	
3815	9½	46 36.51	41 11 36.7	620	123	
3816	9½	46 37.33	58 59 40.9	241	57	
3817	8½	46 37.39	39 16 37.7	634	80	
3818	10	46 37.55	51 29 22.6	542	155	
3819	9½	46 38.04	35 35 58.0	612	130	
3820	9	46 38.13	34 35 12.9	550	100	
3821	7	46 39.15	51 25 45.9	542	154	
3822	8½	46 40.06	60 9 15.3	632	49	
3823	8½	46 42.74	37 0 42.8	615	143	
	8½	42.86	43.5	227	87	
3824	9	46 43.27	29 43 18.4	593	155	
3825	9	46 44.05	27 0 53.1	590	160	
3826	9	46 44.97	29 49 30.4	593	156	
3827	9	46 45.70	55 41 56.2	546	156	
3828	8½	46 47.47	28 57 30.3	244	48	
3829	9	46 50.81	43 56 34.3	627	106	
	9	51.03	36.0	637	59	
3830	9	46 51.15	59 17 30.3	241	61	
3831	9	46 53.61	28 41 17.7	244	49	
3832	9	46 54.11	41 23 20.0	620	122	
3833	9½	46 54.35	44 49 57.4	637	57	
3834	7	46 56.49	42 2 13.7	625	112	
	7	56.51	12.1	620	124	
3835	9	46 56.80	46 48 21.3	558	104	
3836	9	46 57.74	46 14 29.7	233	75	
3837	9	46 57.84	30 43 25.4	599	147	
3838	9½	46 58.35	23 27 18.9	230	119	
3839	9	46 58.91	54 7 49.3	215	144	
3840	9	47 0.14	75 12 51.9	184†	15	
3841	9	47 1.07	41 57 37.3	625	111	
	9	1.11	40.5	620	125	
3842	8½	47 1.14	64 51 54.7	216	104	
	8½	1.17	55.4	187†	29	
	8½	1.27	56.5	557	25	
3843	8½	47 1.57	72 9 29.5	636	39	
3844	9½	47 2.03	43 53 37.9	627	105	
3845	10	47 2.28	60 19 7.3	632	50	
3846	9	47 3.21	61 29 52.9	175	130	
	9	3.34	51.3	175	128	
	9	3.68	53.5	192†	2	
3847	8½	47 4.59	61 8 37.3	192†	3	
	9	4.60	37.9	175	131	
3848	8½	47 4.95	39 31 59.4	634	81	
3849	9½	47 4.96	24 17 3.7	603	123	
3850	9	47 7.32	60 49 15.6	175	132	
3851	8	47 7.40	45 9 19.5	637	60	
3852	8	47 7.83	42 55 42.3	625	113	
3853	8	47 7.84	24 58 23.2	603	124	
	8	8.34	22.1	225	110	
3854	9½	47 8.44	63 41 8.4	236	40	
3855	7½	47 8.78	62 2 21.7	175	129	
	7½	8.92	23.3	192†	1	
3856	8	47 9.80	68 12 3.2	238	47	
3857	9	47 11.01	35 6 23.1	612	131	
3858	10	47 11.94	37 10 31.0	615	144	
3859	8½	47 12.68	64 19 54.5	216	106	
	8½	12.73	54.3	187†	30	
	8	12.97	52.7	557	24	
3860	9½	47 13.56	74 0 37.9	636	38	
3861	9	47 14.25	43 34 44.2	627	110	
3862	9½	47 15.27	33 58 53.8	550	101	
3863	8½	47 16.04	28 31 12.3	244	50	
3864	8	47 16.35	46 4 16.6	222	70	
	8	16.40	17.0	233	73	
3865	8	47 16.51	38 14 18.8	617	148	
3866	9	47 17.04	45 11 11.8	637	61	
3867	7	47 17.98	40 30 59.9	629	84	
3868	9	47 18.26	31 8 55.0	252	28	
3869	8	8 47 18.40	62 42 55.0	236	41	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3870	8½	8 47 18.55	46 8 25.1	222	71	
	8	18.57	24.6	233	74	
3871	7	47 20.01	32 2 18.3	609	137	
	7	20.04	19.8	252	30	
	7	20.07	19.7	602	132	
3872	8½	47 20.47	29 24 24.5	593	158	
3873	9½	47 20.87	26 58 23.3	590	161	
3874	8½	47 22.20	68 54 27.4	238	49	
3875	9	47 22.48	30 41 55.1	599	146	
3876	9	47 23.28	47 6 9.6	622	109	
	9	23.37	9.7	558	106	
3877	9	47 23.79	58 25 18.0	218	109	
3878	9	47 24.52	26 28 40.3	590	162	
3879	8½	47 24.53	40 35 45.0	629	83	
3880	6½	47 24.87	78 36 39.0	194†	75	
	7	25.73	38.3	596	61	
3881	7	47 24.85	43 40 55.2	627	108	
3882	8½	47 25.22	29 31 7.9	593	157	
3883	10	47 31.11	68 18 19.5	238	48	
3884	9	47 31.34	48 17 2.5	618	132	
	9	31.41	0.7	622	106	
3885	8½	47 31.41	74 0 4.4	636	37	
3886	8½	47 31.69	39 17 5.8	634	83	
3887	7½	47 31.69	49 5 19.0	618	131	
	7½	31.76	19.0	618	135	
3888	9	47 32.23	50 18 36.9	560	42	
3889	9	47 32.56	28 34 21.1	244	51	
3890	8½	47 33.09	52 21 30.5	542	156	
	9	33.13	30.7	212	159	
3891	9	47 37.37	50 49 41.7	560	40	
	9	37.53	43.9	542	157	
3892	9	47 38.26	43 32 23.7	627	109	
3893	8	47 38.37	69 57 8.0	238	50	
3894	9½	47 38.98	46 46 9.2	558	105	
3895	8½	47 39.36	64 16 47.6	216	107	
	8	39.53	48.7	557	27	
	8½	39.60	49.9	187†	32	
3896	9	47 41.38	39 21 45.7	634	82	
3897	9	47 41.71	32 9 51.3	252	29	
	8½	41.75	53.9	609	139	
3898	8½	47 41.76	70 51 4.9	189†	18	
3899	9	47 41.91	32 30 45.8	609	140	
	9	41.95	45.3	252	32	
3900	8½	47 42.24	31 52 30.1	602	131	
3901	9½	47 42.30	71 22 57.2	189†	17	
	9	42.42	58.2	636	40	
3902	8	47 43.11	32 5 47.5	252	31	
	7½	43.27	45.0	602	133	
	8	43.38	46.1	609	138	
3903	7	47 45.13	36 4 25.7	612	132	
	6½	45.29	25.9	227	88	
3904	9	47 46.06	48 18 11.0	622	107	
	9½	46.09	11.5	618	133	
3905	8	47 46.43	45 49 6.2	222	72	
	8	46.46	6.9	233	76	
3906	9	47 49.83	34 36 42.0	550	102	
3907	9	47 51.17	29 21 34.0	593	159	
3908	9½	47 51.54	26 8 41.6	590	163	
3909	8½	47 52.81	57 17 52.4	544	139	
	8½	52.95	50.7	218	110	
3910	9	47 52.92	24 46 31.0	603	125	
3911	9½	47 53.29	40 54 44.3	629	87	
	9	53.31	46.0	629	85	
	9½	53.46	45.5	620	128	
3912	9	47 53.81	56 36 21.8	253	2	
3913	8½	47 54.34	34 34 31.1	550	103	
3914	9	47 55.12	43 41 33.7	627	111	
3915	9	8 47 55.40	48 19 33.3	622	108	
	9	55.61	35.5	618	134	
3916	8½	8 47 56.29	62 16 28.5	236	42	
3917	9	47 56.94	39 46 54.6	634	84	
3918	9	47 57.44	52 45 28.3	212	158	
3919	9	47 57.73	34 40 54.7	550	104	
3920	9	47 59.18	50 19 46.0	560	43	
3921	10	47 59.67	37 44 32.6	615	146	
3922	8½	48 0.15	30 45 9.1	599	148	
3923	9	48 1.68	38 17 15.0	617	149	
3924	6½	48 1.89	38 15 11.5	617	150	
3925	9	48 2.60	37 43 40.0	615	145	
3926	9	48 3.33	54 12 53.5	215	143	
3927	9½	48 3.49	50 21 25.3	560	44	
3928	8½	48 3.62	42 58 19.1	625	114	
3929	7	48 3.62	40 30 42.9	629	86	
3930	9	48 5.28	36 48 33.4	227	89	
3931	9½	48 6.15	24 7 50.0	603	126	
	9	6.38	49.4	230	120	
3932	9	48 6.96	34 46 8.3	550	105	
3933	7	48 7.49	76 36 42.8	194†	78	
	7	7.56	42.1	596	65	
3934	9	48 7.67	59 57 41.2	241	63	
	9	7.80	40.0	632	51	
3935	9½	48 9.65	50 41 8.1	560	41	
3936	9	48 10.46	58 27 40.8	218	112	
3937	9½	48 11.03	55 25 59.8	546	161	
3938	8½	48 11.45	40 57 32.4	629	88	dpl. IV. n.sq.
	8½	11.53	32.4	620	127	
3939	9	48 12.46	28 25 3.4	244	52	
3940	9	48 14.19	36 54 2.4	227	90	
3941	9½	48 14.59	42 0 32.9	625	115	
	9½	14.79	36.9	620	126	
3942	9	48 16.90	44 49 11.0	637	62	
3943	9½	48 17.02	23 1 32.9	230	121	
3944	8½	48 17.59	56 2 58.8	253	1	
3945	9½	48 17.92	29 32 8.9	593	160	
3946	8	48 18.10	59 0 51.8	241	62	
	8	18.20	50.2	552	49	
3947	9½	48 19.77	35 11 46.2	612	134	
3948	8½	48 20.63	35 0 25.2	612	133	
	8½	20.80	26.3	550	106	
3949	9½	48 20.73	24 15 39.0	603	127	
3950	9½	48 20.77	38 7 7.8	615	147	
	9½	20.92	6.9	617	151	
3951	7	48 21.50	55 20 16.8	546	160	
3952	9½	48 22.46	54 28 43.0	215	146	
3953	8½	48 22.83	24 36 40.8	603	128	
3954	9	48 22.98	49 8 43.1	618	136	
3955	8½	48 23.16	48 1 14.6	622	110	
3956	9½	48 24.17	46 32 41.3	233	77	
	9½	24.61	40.8	558	107	
3957	6	48 25.14	57 9 47.2	544	141	
	6½	25.35	48.7	253	4	
3958	9½	48 25.89	43 49 59.1	627	113	
3959	8½	48 27.18	43 48 56.1	627	112	
3960	9	48 27.29	54 20 42.8	215	145	
3961	9½	48 28.00	64 18 4.8	216	108	
	9	28.25	2.6	187†	31	
3962	9	48 28.32	48 6 28.8	622	113	
3963	9	48 29.53	49 7 25.0	618	138	
3964	8½	48 31.17	58 34 45.9	218	113	
3965	9	48 31.23	74 58 26.6	189†	19	
	9½	31.37	27.0	596	64	
3966	9	48 31.45	44 57 52.9	637	63	
	9½	31.56	51.3	222	73	
3967	6½	48 31.66	47 53 14.0	622	111	
3968	9½	48 32.87	42 6 13.6	625	116	
3969	9	48 34.38	46 51 41.9	558	109	
3970	9	8 48 34.53	26 2 35.7	590	164	
	8½	34.69	34.8	225	111	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3971	7½	8 48 36.20	46 55 19.5	558	108	
3972	9	48 37.65	23 48 43.2	230	123	
3973	8	48 37.98	56 49 22.2	253	3	
	8½	38.17	21.6	544	140	
3974	8½	48 39.22	57 53 40.4	218	111	
3975	9	48 40.35	57 2 33.7	253	5	
3976	9½	48 41.18	30 53 11.6	602	134	
	9	41.37	11.6	599	149	
3977	9½	48 41.39	52 2 50.3	542	158	
3978	9	48 42.18	39 44 16.3	634	85	
3979	9	48 42.28	27 49 8.5	244	53	
3980	9	48 43.12	49 4 47.0	618	137	
3981	9½	48 43.21	44 54 4.4	637	64	
3982	8	48 43.21	52 51 15.4	212	160	
3983	9	48 43.35	29 35 34.5	593	162	
	9	43.38	34.0	593	161	
3984	9	48 46.56	48 4 37.1	622	112	
3985	8½	48 48.17	32 38 52.6	252	33	
	8½	48.30	53.5	609	141	
3986	7	48 50.65	60 53 49.3	192†	5	
	7	50.80	48.9	175	133	
3987	9	48 51.41	57 4 19.2	253	6	
3988	9	48 51.61	64 35 14.3	187†	34	
	9	51.82	14.9	216	109	
	8½	51.97	14.2	557	31	
3989	6	48 53.36	66 19 35.4	557	28	
3990	7	48 53.48	51 39 25.2	542	159	dpl. I.
3991	9½	48 53.55	65 18 38.6	216	110	
3992	9½	48 54.17	26 4 12.9	590	165	
3993	9½	48 54.32	31 33 13.5	252	35	
3994	8½	48 55.89	30 46 14.5	599	150	
3995	8	48 56.96	43 51 35.2	627	114	
3996	9	48 57.42	55 33 18.3	546	162	
3997	9½	48 57.71	46 46 42.3	558	111	
3998	9½	48 58.51	59 14 32.6	552	50	
3999	8½	48 58.83	66 51 49.8	557	30	
4000	7½	48 59.71	55 46 10.9	546	164	
4001	9½	48 59.87	40 32 49.3	629	90	
4002	9½	49 0.09	65 8 52.5	216	111	
4003	9	49 1.16	23 22 29.4	230	122	
4004	9½	49 2.34	60 54 13.3	175	134	
	10	2.81	13.5	192†	6	
4005	7½	49 2.37	31 40 56.3	602	135	
	7	2.40	56.8	252	34	
4006	9	49 2.39	55 32 49.1	546	163	
4007	9	49 2.39	35 0 58.3	612	136	
	8½	2.64	55.4	550	107	
4008	7½	49 3.84	60 56 52.9	192†	4	
	7	3.97	54.6	175	135	
4009	9	49 3.86	46 44 56.9	558	110	
4010	9	49 4.24	38 5 52.0	617	153	
	9	4.54	52.5	615	148	
4011	9	49 4.37	45 33 42.6	222	74	
4012	9	49 4.44	27 38 25.0	244	54	
4013	7½	49 4.95	35 10 52.8	612	135	
	8	4.96	52.9	550	108	
4014	9½	49 5.43	57 4 0.8	253	7	
4015	8½	49 6.45	38 14 20.3	617	152	
4016	9	49 7.78	60 13 51.6	241	64	
	9½	7.81	49.9	632	52	
4017	9	49 8.02	43 54 19.4	627	115	
4018	8	49 8.39	43 3 34.9	625	117	
	8	8.57	38.5	627	117	
4019	8	49 9.08	39 49 40.1	634	86	
4020	9	49 9.73	29 26 0.0	593	163	
4021	7	49 10.34	39 58 26.8	634	87	
	7½	10.44	26.3	629	92	
4022	9	49 10.97	44 49 12.0	637	65	
4023	9	8 49 17.00	47 2 43.7	558	114	
4024	9½	8 49 18.08	54 13 33.4	215	147	
4025	9½	49 19.91	62 14 5.1	175	136	
	10	20.20	9.3	236	43	
4026	9	49 21.16	40 43 5.7	629	89	
4027	7½	49 21.55	41 21 12.2	620	131	
4028	8	49 23.33	55 31 7.1	546	165	
4029	9	49 23.71	45 52 55.1	233	78	
4030	8½	49 25.06	25 4 51.4	603	130	
	9	25.16	52.5	225	112	
4031	9	49 25.85	34 56 15.4	612	137	
	9	25.92	14.5	550	110	
4032	9	49 26.40	46 1 30.1	233	79	
	9	26.66	30.0	222	75	
4033	7½	49 27.75	42 0 40.5	620	130	
	7½	27.90	42.7	625	120	
4034	9	49 30.01	48 35 49.2	622	114	
	9	30.21	49.1	618	140	
4035	8½	49 30.99	23 55 25.3	603	129	
	8½	31.13	25.0	230	124	
4036	9	49 31.86	50 47 57.7	560	45	
4037	8	49 34.12	44 54 10.5	637	66	
	8	34.17	10.4	222	77	
4038	8½	49 35.01	39 12 23.4	634	89	
4039	9	49 35.59	39 31 54.0	634	88	
4040	9	49 37.07	51 59 10.8	212	161	
	8½	37.12	10.7	542	162	
4041	8	49 37.20	42 56 47.5	627	116	
	8	37.43	44.9	625	118	
4042	8½	49 38.76	49 6 18.7	618	139	
4043	9	49 39.05	23 13 51.5	230	125	
4044	6	49 39.12	47 2 44.5	558	113	
4045	9½	49 41.60	57 11 36.3	544	146	
4046	8	49 42.83	27 36 24.5	244	55	
4047	9	49 42.90	42 0 1.3	625	121	
	9	43.06	0.8	620	129	
4048	7½	49 43.71	43 1 30.4	627	118	
	7½	43.89	26.2	625	119	
4049	8	49 43.73	66 30 42.6	557	29	
4050	9	49 43.88	27 39 26.4	244	56	
4051	8½	49 43.95	58 2 35.9	218	115	
4052	9½	49 44.30	32 43 40.9	609	142	
4053	7	49 44.47	56 10 39.3	544	143	
	7	44.51	39.5	546	167	
	6½	44.64	40.5	253	9	
4054	9	49 44.66	46 42 35.7	558	112	
4055	8½	49 45.26	38 19 12.0	617	154	
4056	9	49 47.01	35 32 10.0	612	140	
4057	8	49 48.30	35 1 44.6	550	109	
	8	48.35	44.0	612	138	
4058	9½	49 48.46	27 47 1.3	244	57	
4059	9	49 50.40	33 2 19.8	609	144	
4060	9	49 50.96	56 13 51.8	253	8	
	9	51.23	53.1	544	142	
4061	9	49 51.93	26 11 58.7	590	166	
	8½	51.99	59.4	225	113	
4062	6½	49 52.89	72 4 52.8	184†	17	
	6½	52.95	53.5	636	41	
	6½	53.00	53.8	189†	21	
4063	10	49 53.79	65 15 24.5	216	112	
4064	8½	49 53.81	52 4 35.5	542	160	
	9	53.99	35.9	212	162	
4065	8½	49 54.71	40 26 13.3	629	94	
	9	54.90	10.2	629	91	
4066	9½	49 54.87	70 59 49.2	184†	18	
	9½	55.06	49.8	238	51	
4067	9	49 56.23	50 11 41.4	560	47	
4068	9½	49 56.23	56 2 43.4	253	10	
4069	8	8 49 56.49	39 0 28.8	634	91	
	8½	56.53	27.3	617	155	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
4070	9	8 49 57.70	39 10 18.5	634	90
4071	9½	49 58.60	46 1 16.1	233	80
	9½	58.61	15.0	222	76
4072	9	49 59.12	48 23 41.6	622	117
4073	8	49 59.52	33 39 51.1	550	111
4074	9	49 59.59	49 20 30.8	560	46
4075	8	50 0.57	32 56 53.4	550	113
	8½	0.65	53.6	609	143
4076	9½	50 0.65	41 34 33.1	620	132
4077	8	50 1.04	59 21 51.9	241	65
	8	1.11	51.5	552	51
4078	8½	50 1.39	37 55 43.1	615	149
4079	8½	50 3.90	44 58 44.2	637	67
	8	3.98	45.2	222	78
4080	9½	50 4.37	63 5 5.2	236	46
4081	9	50 5.11	48 39 8.1	618	141
	9	5.28	7.8	622	115
4082	8	50 5.27	62 23 15.2	175	137
	8½	5.36	15.4	236	44
	8½	5.39	17.2	236	47
4083	8	50 6.53	56 2 42.5	546	168
	8	6.55	46.4	544	144
	8	6.57	45.6	253	11
4084	9	50 6.68	54 37 54.6	546	166
	9	6.97	55.5	215	150
4085	9½	50 7.13	53 40 46.0	215	148
4086	8½	50 10.02	74 35 20.4	189†	20
	8½	10.34	21.0	636	44
	8½	10.46	16.8	184†	16
4087	8	50 10.29	30 32 38.4	599	151
4088	8	50 10.37	51 59 52.1	212	164
	8	10.56	51.5	542	161
4089	9½	50 11.88	43 57 14.3	637	68
4090	9½	50 13.00	57 16 33.4	544	145
4091	8½	50 14.43	52 8 35.1	542	163
	8½	14.66	37.0	212	163
4092	8	50 14.86	63 7 56.7	236	45
4093	9	50 14.93	48 24 15.8	622	116
4094	9½	50 15.15	48 27 7.0	622	118
4095	9	50 15.73	47 13 1.3	558	117
4096	8	50 16.96	39 18 36.0	634	93
4097	8½	50 17.37	58 32 56.0	218	114
4098	9	50 20.25	24 56 8.6	603	131
4099	9	50 20.71	35 57 32.8	612	139
	9	20.83	36.3	227	92
4100	7½	50 20.75	32 55 29.2	609	145
	7½	20.84	27.4	550	112
4101	9½	50 20.84	60 17 10.7	632	53
4102	9	50 21.75	50 20 16.7	560	49
4103	9	50 21.83	31 36 10.2	252	36
	9	22.06	14.0	602	136
4104	8½	50 22.14	64 16 54.9	187†	33
	8	22.22	57.6	557	32
4105	8½	50 23.04	38 56 55.9	634	92
	8½	23.16	56.4	617	156
4106	9	50 24.34	23 21 6.3	230	127
4107	8½	50 24.61	30 48 43.9	599	153
4108	8½	50 24.98	30 2 47.7	593	166
4109	8½	50 25.00	30 42 45.3	599	152
4110	9	50 25.14	26 36 10.5	590	167
4111	9	50 25.35	29 29 9.3	593	164
4112	6½	50 25.47	23 20 33.9	230	126
4113	6½	50 27.12	79 2 25.3	194†	80
4114	9½	50 27.68	61 12 25.9	175	138
4115	8	50 29.89	37 51 6.0	615	150
4116	9	50 32.21	25 46 33.8	225	115
4117	9½	50 32.31	52 54 36.0	212	165
4118	8	8 50 33.47	26 10 8.9	225	114
	8	33.61	8.8	590	168
4119	9½	8 50 33.48	64 55 28.0	187†	36
4120	9	50 33.77	36 20 7.2	227	91
4121	8½	50 34.43	27 30 51.0	244	58
4122	8½	50 34.44	31 42 9.8	602	138
	9	34.45	8.5	252	38
4123	8½	50 34.53	43 21 18.4	627	120
4124	9½	50 35.16	53 50 17.2	215	149
4125	9	50 35.61	79 13 19.7	194†	81
4126	9	50 35.82	24 14 59.3	603	132
4127	9½	50 36.46	61 58 13.7	192†	7
4128	9½	50 37.63	52 51 46.7	212	166
4129	10	50 39.06	70 43 51.0	238	53
4130	8½	50 39.12	42 59 23.3	625	122
	8½	39.20	23.0	627	119
4131	9	50 40.23	50 20 53.8	560	48
4132	9	50 40.51	29 20 33.4	593	165
4133	9	50 41.21	31 40 49.2	602	137
	9½	41.23	47.5	252	37
4134	9	50 41.92	49 23 39.8	618	142
4135	9	50 42.00	55 48 46.2	546	170
4136	9½	50 45.55	71 4 39.0	184†	19
4137	9	50 45.58	47 4 31.1	622	121
	9½	45.60	31.3	558	116
	9	45.68	29.2	558	118
4138	8	50 45.95	33 47 27.5	550	114
4139	9½	50 47.02	41 50 29.5	620	135
4140	8½	50 47.24	40 36 5.3	629	93
4141	9	50 47.35	47 6 57.6	622	120
	9	47.46	56.8	558	120
4142	9½	50 47.38	49 24 8.8	618	143
4143	8½	50 47.95	46 56 21.3	558	115
4144	9½	50 48.83	39 2 19.9	634	94
4145	9	50 51.10	41 47 45.7	620	133
4146	8	50 51.52	45 52 57.2	233	81
4147	9½	50 51.95	44 36 55.5	637	70
4148	9	50 54.59	41 46 56.8	620	134
4149	8	50 54.93	43 19 25.6	627	121
4150	8½	50 55.36	47 7 50.8	622	119
	8½	55.38	52.5	558	119
4151	8½	50 55.60	64 59 42.3	187†	35
	8½	55.64	42.6	216	113
	8½	55.84	43.5	557	33
4152	7	50 56.14	44 33 52.3	637	69
4153	7	50 56.80	59 52 41.5	552	53
	6½	57.04	41.3	632	54
	6½	57.13	41.6	241	67
4154	9	50 57.87	24 59 22.7	225	116
4155	9½	51 1.63	59 38 45.3	552	52
	9½	1.74	46.8	241	69
4156	9½	51 2.05	24 23 47.1	603	133
4157	9	51 2.06	50 23 13.1	560	50
4158	8½	51 2.71	28 58 22.6	244	60
	8½	2.92	22.6	593	168
4159	9½	51 3.36	38 32 17.2	617	157
4160	9	51 3.60	45 11 36.2	222	80
4161	9	51 3.87	43 19 10.8	627	122
4162	9½	51 3.97	26 2 39.7	590	169
4163	10	51 4.80	26 5 45.7	590	170
4164	9½	51 6.07	70 48 39.5	238	52
4165	9½	51 6.37	47 2 43.2	558	121
4166	8	51 7.95	46 24 47.1	233	84
4167	9½	51 11.07	55 45 15.3	546	169
4168	8½	51 11.42	59 41 8.1	552	54
	8½	11.52	9.3	632	55
	8½	11.52	8.7	241	66
	8½	11.53	12.2	241	68
4169	8	51 12.08	28 51 56.4	593	167
	8	12.11	54.2	244	59
4170	9½	8 51 17.92	32 43 11.6	609	146

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
4171	9	8 51 19.47	23 52 52.5	230	128	
	9	19.52	54.6	603	134	
4172	9	51 19.99	43 56 32.5	627	123	
4173	9	51 20.09	23 57 48.8	603	135	
	9	20.23	47.2	230	129	
4174	9½	51 23.16	34 30 17.2	550	115	
4175	9	51 24.40	28 43 27.7	244	61	
4176	7	51 27.09	54 13 20.7	215	153	
4177	7	51 28.60	36 38 36.4	227	93	
4178	9½	51 28.84	30 25 20.6	599	154	
4179	9½	51 29.99	26 58 59.8	590	171	
4180	9½	51 30.85	28 35 59.4	244	62	
4181	8	51 31.59	46 23 22.5	233	85	
4182	8½	51 32.76	45 51 46.1	222	81	
	8	32.81	45.3	233	82	
4183	9½	51 33.22	40 21 56.4	629	95	
4184	9	51 33.67	36 29 1.3	227	95	
4185	9½	51 35.44	25 5 8.7	225	117	
	9½	35.53	9.2	225	118	
4186	9	51 36.24	72 6 40.8	636	42	
4187	8½	51 36.29	30 13 30.4	599	155	
4188	8½	51 36.38	38 36 38.4	617	158	
4189	9½	51 36.87	61 13 37.4	192†	9	
	9	37.10	35.0	175	139	
4190	9	51 37.40	39 16 29.0	634	95	
4191	9½	51 37.67	44 27 11.6	637	72	
4192	9½	51 37.76	31 36 15.4	602	139	} dpl.
4193	9½	51 38.31	31 36 10.6	602	140	
4194	8½	51 38.73	34 30 42.5	550	116	
4195	9	51 38.92	57 16 59.7	544	147	
	9	39.04	60.8	253	14	
4196	6	51 39.00	54 29 2.8	546	172	
	6½	39.06	3.1	215	151	
4197	9	51 39.15	38 48 11.6	617	159	
4198	8½	51 39.55	73 36 45.6	189†	23	
	8½	39.85	44.1	184†	20	
	8½	40.39	48 3	636	45	
4199	9	51 40.87	41 40 39.8	620	136	
4200	9	51 44.27	75 11 10.0	636	43	
	9	44.38	11.5	194†	79	
	9	44.42	11.4	596	66	
4201	7	51 44.81	57 45 44.2	544	148	
	7	45.07	43.1	218	116	
4202	9½	51 48.45	29 22 0.6	593	170	} dpl.
4203	9	51 48.75	29 21 50.3	593	169	
4204	9	51 49.40	59 4 26.0	552	55	
	9	49.69	24.4	241	70	
	9	49.84	24.5	218	118	
4205	9½	51 50.39	32 4 2.0	602	141	
	9½	50.55	3.1	609	147	
4206	7½	51 53.32	69 21 18.5	238	54	
4207	8½	51 53.38	44 55 8.1	637	71	
	8½	53.45	7.1	222	79	
	8½	53.47	11.5	637	73	
4208	9½	51 53.66	73 29 9.6	636	46	
	9½	53.94	6.3	189†	22	
4209	9½	51 53.70	52 52 24.8	212	167	
4210	8	51 54.63	36 29 55.1	227	94	
4211	9	51 54.66	43 58 43.1	627	124	
4212	9½	51 54.98	36 4 9.2	612	141	
4213	9½	51 55.14	77 7 42.7	194†	82	
	9½	55.21	42.8	596	67	
4214	9½	51 55.35	33 11 41.5	252	40	
	9	55.37	41.4	550	121	
4215	8½	51 55.62	50 22 31.2	560	51	
4216	9½	51 55.70	34 24 0.8	550	117	
4217	9	51 57.81	52 7 49.7	212	168	
	9	57.88	47.2	542	166	
4218	7½	8 51 57.91	51 6 26.3	542	164	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ″			
4219	9½	8 51 58.33	60 19 1.5	632	56	
	9½	58 53	1.8	192†	8	
4220	8½	52 0.02	45 51 9.3	222	82	
	8	0.25	8.6	233	83	
4221	9	52 0.96	54 21 52.5	546	173	
	9	1.08	51.6	215	152	
4222	9½	52 1.48	66 8 5.7	216	114	
	9	1.57	6.9	557	35	
	9½	1.75	5.9	187†	37	
4223	9	52 2.25	34 24 14.6	550	118	
4224	8½	52 2.73	39 9 42.9	634	96	
4225	9	52 3.19	48 39 17.0	622	122	
	9	3.37	18.0	618	144	
4226	9½	52 4.08	33 3 28.5	609	149	
	9	4.12	28.7	550	120	
	9	4.16	28.2	252	41	
	9	4.26	27.5	252	39	
4227	9	52 4.08	48 40 30.3	622	123	
	9	4.37	31.1	618	145	
4228	9½	52 4.39	60 13 29.2	632	58	
4229	8½	52 5.06	58 12 43.1	218	117	
4230	9	52 7.09	42 43 20.1	625	124	
4231	9½	52 9.07	36 3 37.6	612	142	
4232	9	52 9.98	33 8 48.5	550	119	
	9	10.17	51.8	609	150	
4233	9	52 10.68	43 26 41.7	627	125	
4234	7½	52 10.92	24 21 31.7	603	136	
4235	10	52 11.75	66 10 18.2	216	115	
4236	9	52 12.12	41 46 42.5	620	137	
4237	9½	52 12.50	39 3 10.7	634	97	
4238	10	52 12.53	32 5 8.7	609	148	
4239	4	52 12.71	60 10 2.2	632	57	
4240	9	52 12.92	62 21 5.6	175	141	
	9½	13.20	6.2	236	48	
4241	8½	52 14.84	55 51 7.9	253	12	
	8½	14.86	7.8	249	1	
	8½	14.89	4.6	546	171	
4242	9	52 17.11	47 27 10.3	622	126	
4243	9	52 17.27	66 12 43.2	557	36	
4244	8	52 17.53	43 10 35.9	627	126	
	8	17.56	32.5	625	123	
4245	9	52 18.03	66 19 38.1	187†	38	
	8½	18.27	38.4	187†	39	
	8	18.29	39.5	557	34	
4246	9	52 18.19	61 34 34.5	175	140	
4247	9½	52 20.79	55 58 4.0	249	2	
	9½	21.06	5.3	253	13	
4248	9½	52 21.05	38 55 27.7	634	99	
4249	8½	52 21.78	41 40 22.6	620	138	
4250	9	52 26.71	40 53 23.5	620	139	
	9	26.79	20.4	629	96	
4251	9½	52 28.18	37 21 37.1	615	151	
4252	9	52 29.52	49 23 12.7	618	146	
4253	9	52 29.63	47 22 53.4	622	127	
4254	9	52 32.58	50 19 58.1	560	52	
4255	8½	52 32.67	42 46 56.6	625	127	
4256	5	52 32.86	52 14 35.1	212	169	
	5	32.90	36.6	542	165	
4257	9	52 34.30	50 2 43.6	560	53	
4258	9	52 34.47	23 12 47.3	230	130	
4259	9	52 34.48	43 8 48.7	627	127	
4260	9	52 34.90	28 32 56.6	244	63	
4261	8	52 36.23	42 46 30.1	625	126	
4262	9½	52 36.36	42 45 46.8	625	125	
4263	9	52 37.45	28 14 8.4	244	65	
4264	8½	52 39.52	62 25 21.6	175	142	
	9½	39.63	22.1	236	49	
4265	9½	52 39.63	39 0 11.5	634	98	
4266	8½	8 52 39.94	28 23 18.7	244	64	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
4267	9	8 52 40.57	46 33 51.9	233	86	
	9	40.68	54.2	558	122	
4268	10	52 40.61	60 42 33.2	192†	11	
4269	9½	52 40.74	71 34 49.4	189†	25	
4270	8	52 41.66	55 1 47.3	546	175	
4271	7½	52 41.78	55 2 54.7	546	174	
4272	9½	52 41.81	77 39 23.9	596	68	
4273	8½	52 42.15	31 11 16.6	602	142	
	9	42.28	15.0	599	156	
4274	8½	52 44.02	53 19 6.3	564	2	n. pr.
	9	44.06	5.7	215	155	
4275	9	52 44.64	53 19 12.0	215	154	s. sq.
	9	44.69	14.1	212	173	
	8½	44.77	17.1	564	1	
4276	8½	52 46.53	23 56 45.6	603	137	
4277	9	52 47.77	52 25 43.9	212	170	
	8½	48.30	42.7	542	169	
4278	8½	52 48.08	60 43 34.4	192†	12	
	8	48.14	33.8	192†	10	
4279	9	52 49.59	25 52 0.6	225	120	
	9	49.69	0.3	225	119	
	9	49.78	2.6	590	173	
4280	9	52 50.12	26 19 35.4	590	174	
	8½	50.18	31.1	590	172	
4281	9½	52 50.93	48 35 29.7	622	125	
4282	9	52 51.04	35 30 38.3	612	143	
4283	8½	52 51.40	58 56 42.3	552	56	
	8½	51.55	39.9	218	119	
	8½	51.61	42.0	241	71	
4284	9	52 52.48	71 29 32.0	189†	24	
4285	10	52 55.44	35 25 40.3	612	144	
4286	7½	52 55.55	49 11 58.6	618	147	
4287	8	52 55.77	38 15 36.9	617	160	
4288	8	52 56.27	40 52 4.3	629	97	
	8	56.46	5.5	620	140	
4289	9	52 56.30	45 4 33.5	637	74	
	9	56.41	32.4	222	83	
4290	10	52 56.62	58 59 22.1	552	58	
	10	56.80	21.5	241	72	
4291	9½	52 56.99	48 38 28.5	622	124	
4292	9	52 57.90	42 57 13.6	627	129	
	9	57.92	13.5	625	129	
4293	8	52 57.95	49 52 32.9	560	54	
4294	9	52 59.38	24 1 6.5	603	138	
4295	8½	53 1.02	30 29 9.9	599	157	
4296	9	53 1.25	28 55 12.9	593	171	
4297	9½	53 2.67	76 48 51.8	194†	84	
4298	9	53 3.69	24 10 49.5	603	139	
4299	9	53 4.06	53 19 58.7	564	3	
	9½	4.08	58.3	215	156	
	9	4.16	58.4	212	174	
4300	8	53 4.10	23 18 42.6	230	131	
4301	9½	53 4.55	23 16 48.8	230	132	
4302	9	53 5.27	37 16 37.0	615	153	
4303	9	53 5.86	51 20 24.9	569	1	
4304	9½	53 6.10	28 11 17.0	244	66	
4305	8½	53 6.61	37 14 0.8	615	152	
4306	9½	53 7.81	42 12 54.4	620	141	
4307	9½	53 8.99	60 13 0.9	632	59	
4308	9	53 8.99	31 47 47.7	252	43	
4309	9	53 10.63	33 17 27.4	550	122	
4310	8	53 11.50	31 39 23.8	602	143	
	8½	11.60	25.5	252	42	
4311	9½	53 11.82	26 20 55.0	590	175	
4312	8½	53 12.61	33 55 32.8	550	123	
4313	9	53 12.98	43 3 48.8	627	128	
	8½	13.02	51.2	625	130	
4314	8	53 13.03	50 35 19.6	560	56	
4315	9	8 53 13.15	39 36 13.6	634	100	
4316	9½	8 53 14.17	23 7 41.6	230	133	
4317	8½	53 16.96	53 48 56.5	564	5	
4318	8½	53 18.92	42 2 32.3	620	142	
4319	9	53 19.16	39 46 44.8	634	101	
4320	9	53 21.01	34 57 14.1	612	145	
	8½	21.17	16.8	550	125	
4321	9½	53 21.15	67 24 27.3	238	55	
4322	9	53 21.75	71 1 57.6	636	47	
4323	9	53 22.13	42 40 14.0	625	128	
4324	9½	53 23.71	66 38 52.7	557	38	
4325	7½	53 24.37	59 59 27.4	632	61	
4326	8½	53 25.42	52 13 12.3	542	168	
	8	25.49	14.4	212	172	
	8	25.57	15.6	562	1	
4327	9	53 27.90	43 53 15.4	627	130	
	9	28.00	14.4	637	75	
4328	8½	53 29.75	52 16 31.9	542	167	
	9	29.97	31.7	212	171	
	8½	30.03	34.2	562	2	
4329	8	53 30.92	50 16 0.0	560	55	
4330	9	53 31.43	61 44 20.0	175	143	
4331	8	53 32.37	66 17 28.9	557	37	
	9	32.44	27.6	187†	40	
4332	10	53 32.57	37 34 43.6	615	154	
4333	9	53 32.91	51 11 35.9	569	2	
4334	8	53 34.05	30 45 37.7	599	158	
4335	9	53 35.19	44 23 11.4	637	76	
4336	9	53 36.85	29 8 12.2	593	172	
4337	8	53 37.10	31 28 51.2	252	44	
	8	37.14	49.7	602	144	
4338	8	53 37.77	66 47 9.0	557	39	
	8½	37.84	8.5	187†	41	
4339	9½	53 38.95	47 16 46.9	622	129	
4340	9½	53 39.40	52 14 44.2	562	3	
4341	8½	53 40.16	59 50 29.1	632	62	
4342	8½	53 41.82	47 15 15.0	622	128	
4343	8½	53 41.97	50 39 9.2	560	57	
	8½	42.21	10.3	650	1	
4344	9½	53 42.13	38 13 51.3	617	161	
4345	9	53 42.95	29 1 5.2	593	173	
4346	9½	53 43.21	36 9 33.8	612	146	
	9½	43.38	36.9	227	96	
4347	8	53 44.34	61 23 45.6	175	144	
4348	9½	53 45.97	59 2 16.6	552	57	
	9	46.24	16.2	241	73	
	9	46.57	14.3	218	120	
4349	6½	53 46.78	48 5 23.3	618	148	
	6½	47.06	25.3	622	130	
4350	9	53 46.86	61 9 52.8	175	145	
	9½	46.97	52.8	192†	13	
4351	9½	53 47.94	55 48 6.0	249	4	
4352	9	53 48.73	60 21 38.0	632	60	
4353	8½	53 49.72	24 14 25.9	603	140	
4354	9½	53 50.05	45 4 59.9	637	78	
4355	9	53 51.66	41 55 20.5	620	143	
4356	8½	53 51.91	23 43 5.0	230	135	
4357	9	53 52.78	53 22 56.3	212	175	
	9½	52.82	55.0	215	157	
	9	52.86	57.3	564	4	
	9½	53.15	57.8	562	6	
4358	9	53 53.21	56 16 34.4	253	15	
	9	53.34	35.1	544	149	
4359	8½	53 54.55	62 58 54.7	236	51	
4360	9	53 54.62	35 8 21.5	612	147	
	8½	54.86	21.0	550	124	
4361	5½	53 55.10	58 44 48.4	218	121	
4362	9½	53 55.89	55 45 40.1	249	3	
4363	9½	53 56.17	38 38 51.9	617	162	
4364	8½	8 53 56.19	23 42 23.1	230	136	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
4365	9	8 53 56.20	46 5 34.9	233	87	
	9	56.44	33.1	222	84	
4366	8½	53 56.66	45 42 52.3	222	85	
4367	7	53 57.45	28 19 17.0	244	67	
4368	9	53 57.92	56 21 3.5	253	16	
	8½	57.93	4.8	544	150	
4369	7½	53 59.92	58 44 38.9	218	122	
4370	9	54 1.85	54 37 53.9	249	6	
4371	9½	54 2.16	26 12 47.1	590	176	
4372	9	54 2.88	62 56 20.0	236	50	
4373	9½	54 4.60	32 37 12.9	609	152	
4374	9½	54 6.13	30 9 6.6	599	159	
4375	8½	54 6.21	54 25 52.8	546	176	
	8½	6.39	53.5	249	5	
	8½	6.51	57.8	641	1	
4376	9	54 6.72	45 36 38.2	222	86	
4377	9½	54 7.87	29 3 33.1	593	174	
4378	9½	54 8.65	29 4 37.3	593	175	
4379	8	54 9.08	23 45 5.0	230	134	
4380	9	54 9.22	47 5 22.3	558	123	
4381	9	54 10.70	32 38 43.1	609	151	
4382	9½	54 10.79	34 49 56.6	550	127	
4383	7½	54 13.33	62 33 59.2	236	54	
4384	9½	54 14.10	44 25 48.8	637	77	
4385	9	54 15.12	52 19 9.2	542	171	
4386	8½	54 16.31	34 49 26.5	550	126	
4387	7	54 16.66	63 3 45.7	236	52	
4388	9	54 16.85	54 1 26.2	215	158	
4389	9½	54 16.94	54 33 25.4	249	7	
4390	9	54 18.66	67 13 36.6	238	56	
4391	9	54 18.68	43 45 44.7	627	131	
4392	9½	54 20.88	76 53 0.9	194†	83	
	9½	21.45	4.5	596	69	
4393	9	54 21.21	37 44 38.0	615	155	
4394	8½	54 21.21	42 58 7.1	627	132	
	8	21.29	6.2	625	131	
4395	9½	54 21.31	46 35 56.5	558	125	s. pr.
	9½	21.47	52.1	233	90	
4396	7½	54 21.55	27 19 43.8	244	68	
4397	9½	54 21.55	46 35 9.8	233	89	n. sq.
	9½	21.93	12.6	558	126	
4398	9½	54 23.24	46 16 30.2	233	88	
4399	9½	54 23.62	52 21 58.4	542	170	
4400	9½	54 24.05	37 34 0.6	615	157	
4401	9½	54 24.90	60 5 31.0	632	63	
4402	9	54 25.35	42 56 12.4	627	133	
	9	25.59	12.6	625	133	
4403	9½	54 25.88	25 21 41.5	225	121	
4404	9	54 26.57	43 8 15.7	625	132	
4405	9	54 27.33	30 53 10.9	252	45	
	8½	27.40	12.1	602	145	
4406	8	54 28.08	61 4 46.9	175	146	
	8½	28.28	47.6	192†	14	
4407	9	54 28.30	49 3 59.5	618	149	
4408	9½	54 29.92	52 43 36.9	212	176	
	9	30.07	38.8	562	4	
4409	8	54 32.58	50 19 25.4	560	59	
4410	8½	54 33.31	35 53 46.0	612	148	
	9	33.32	47.6	227	97	
4411	9	54 33.56	58 56 30.8	241	74	
	9½	33.60	33.4	552	59	
4412	8½	54 35.08	68 30 53.1	238	58	
4413	9½	54 36.15	48 17 47.6	622	132	
4414	9	54 36.15	37 36 13.6	615	156	
4415	6	54 37.77	46 45 4.2	558	124	
4416	9	54 38.30	57 5 34.2	647	1	
	9	38.35	32.6	253	20	
	9	38.49	32.7	544	154	
4417	9½	8 54 39.11	51 57 23.8	569	4	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
4418	8	8 54 39.47	32 49 38.7	550	130	
	8½	39.53	36.1	609	153	
4419	9½	54 39.65	60 5 37.7	632	64	
4420	9½	54 39.98	60 41 37.6	175	149	
4421	9½	54 40.58	48 10 7.0	622	131	
4422	9	54 42.55	49 30 57.0	618	152	
4423	9	54 43.00	33 35 49.7	550	128	
	9	43.10	49.7	550	131	
4424	8½	54 45.09	40 37 21.8	629	98	
4425	10	54 45.25	35 54 1.0	612	149	
	10	45.32	2.9	227	98	
4426	9½	54 45.38	56 50 1.2	253	18	
	9	45.39	1.9	645	2	
	9	45.46	1.2	544	151	
4427	8½	54 46.08	28 27 57.3	649	1	
4428	10	54 46.44	63 24 45.3	216	116	
4429	9	54 46.90	71 47 50.4	189†	27	
	8½	46.98	50.8	184†	21	
	9	47.14	52.3	636	49	
4430	9½	54 46.94	50 45 47.2	560	58	
	9	47.01	49.4	650	2	
4431	9½	54 47.43	31 35 55.3	252	46	
4432	9	54 47.58	42 6 55.0	620	144	
4433	10	54 48.34	60 5 40.4	632	66	
4434	8½	54 49.21	38 44 1.5	617	163	
4435	10	54 49.43	30 6 43.7	599	161	
4436	9½	54 49.58	53 12 18.5	564	7	
4437	9	54 50.03	42 52 11.6	627	134	
	9	50.07	12.9	625	134	
4438	8½	54 50.61	56 51 7.5	253	17	
	9	50.63	6.6	647	2	
	8½	50.68	7.6	544	152	
	8½	50.71	7.4	645	1	
4439	8½	54 51.61	28 36 25.9	649	2	
4440	9	54 51.69	30 13 15.2	599	160	
4441	9½	54 52.57	61 5 21.7	192†	15	
	9	52.72	19.9	175	147	
4442	9½	54 52.90	24 10 21.4	603	141	
4443	9½	54 53.70	59 8 54.8	241	75	
4444	9½	54 53.77	54 24 4.9	249	8	
	9	53.79	3.1	546	177	
4445	8	54 55.80	32 50 12.8	550	129	
	8½	55.97	12.4	609	154	
4446	8½	54 56.88	60 47 4.5	175	150	
4447	8½	54 57.35	63 0 45.3	236	53	
4448	8	54 57.—	74 24 18.2	184†	23	
	7½	57.74	21.5	636	52	
4449	9	54 57.73	36 48 1.9	615	158	
4450	9	54 58.00	62 24 48.3	236	55	
4451	9½	54 58.71	48 22 16.2	618	151	
4452	8½	54 59.25	41 44 54.0	620	145	
4453	9½	54 59.62	55 10 14.0	546	179	
	9½	59.77	16.9	641	2	
4454	9	55 1.63	36 7 21.0	227	99	
	9	1.73	18.6	612	150	
4455	9½	55 1.64	38 5 37.4	617	164	
4456	8½	55 2.10	33 47 5.3	550	132	
4457	9½	55 3.23	60 3 16.2	632	65	
4458	9½	55 3.75	71 28 55.8	189†	26	
	9½	4.43	55.3	636	48	
4459	9½	55 5.81	27 23 53.8	244	69	
4460	9	55 6.48	48 20 38.4	622	133	
	9	6.68	35.9	618	150	
4461	8½	55 10.—	73 33 44.4	184†	22	
	8	10.03	46.2	189†	30	
	8½	10.60	43.7	184†	24	
	8	10.79	46.3	636	51	
4462	7½	55 11.29	47 48 16.1	622	134	
4463	8½	8 55 12.20	40 37 57.2	629	99	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
4464	9½	8 55 12.49	63 52 12.0	216	118	
4465	9½	55 13.21	52 1 54.4	569	3	
4466	9½	55 13.52	72 15 46.6	636	50	
4467	8	55 13.63	58 42 29.8	218	123	
4468	9	55 14.18	40 50 15.9	620	146	
4469	9½	55 14.24	63 26 27.5	187†	43	
	9½	14.40	28.0	216	117	
4470	9	55 15.92	51 43 3.1	569	5	
4471	7½	55 17.40	52 51 27.2	212	177	
4472	9½	55 17.50	39 10 21.1	617	165	
4473	9½	55 18.08	58 44 3.1	218	124	
4474	8	55 18.86	54 8 54.8	215	159	
	8	19.04	57.0	259	2	
4475	9	55 19.28	31 55 16.6	252	47	
	9½	19.45	16.6	609	155	
	9½	19.54	14.0	602	146	
4476	9½	55 20.66	43 3 14.7	627	137	
4477	9	55 20.81	48 56 46.1	618	154	
4478	9	55 20.99	60 49 49.8	175	148	
4479	8½	55 21.72	66 48 2.1	557	40	
4480	7	55 22.25	23 39 55.7	230	137	
4481	9	55 22.69	44 9 11.6	627	135	
	9	22.88	11.2	637	79	
4482	9	55 23.68	41 54 38.7	620	147	
4483	5	55 25.64	40 46 2.5	629	100	
4484	9½	55 26.41	39 3 44.0	634	103	
4485	8	55 26.67	65 43 15.1	216	120	n. pr.
	7½	26.70	14.2	557	41	
	8	26.98	14.2	187†	42	
4486	8	55 27.02	56 59 10.7	647	3	
	8	27.06	11.2	253	19	
	8	27.09	10.9	544	156	
	8	27.18	10.4	544	153	
4487	9	55 27.51	39 10 23.2	634	102	
4488	9	55 27.86	65 43 23.0	557	42	s. sq.
4489	9	55 28.79	46 49 9.0	558	127	
4490	7½	55 29.13	24 28 53.2	603	142	
4491	9½	55 30.09	74 51 45.7	636	53	
4492	9	55 31.41	27 47 4.4	649	3	
4493	10	55 33.29	51 35 41.5	569	7	
4494	8	55 33.44	59 15 6.8	552	60	
	8	33.49	10.2	241	78	
	8½	33.62	8.1	241	76	
4495	9	55 33.49	49 45 50.0	560	61	
4496	9½	55 34.11	50 40 27.9	650	3	
4497	8½	55 34.19	43 55 27.8	627	136	
	8	34.45	28.4	637	80	
4498	8½	55 35.91	50 22 37.8	560	60	
4499	9	55 35.77	31 49 1.2	609	156	
	9	35.81	1.9	252	48	
	9½	35.90	2.9	602	147	
4500	9½	55 36.80	51 48 54.3	569	6	
4501	9½	55 36.84	35 36 34.9	612	151	
4502	9	55 37.66	38 59 3.9	634	104	
	9	37.79	3.8	617	166	
4503	9	55 38.09	42 26 44.8	625	135	
4504	9	55 38.44	55 7 49.6	546	180	
	9	38.46	52.3	641	3	
4505	9	55 40.78	27 30 50.2	244	70	
4506	9½	55 43.14	27 28 12.3	244	71	
4507	9½	55 43.30	54 34 51.3	249	10	
4508	9	55 44.05	25 1 41.5	225	123	
	9	44.27	42.0	603	143	
4509	9	55 44.42	52 19 17.2	542	172	
	9	44.43	18.4	562	5	
	8½	44.49	20.2	256	1	
	9	44.59	17.7	562	7	
4510	9	55 44.44	39 52 7.7	629	102	
	9½	44.39	7.4	634	105	
4511	9	8 55 45.19	55 6 9.8	641	4	
4512	6½	8 55 46.28	26 10 21.0	590	177	
	7	46.32	21.2	225	122	
4513	8½	55 46.30	34 4 41.2	550	134	
4514	8½	55 47.43	27 52 44.9	649	5	
4515	9½	55 48.51	32 38 1.4	609	157	
4516	6½	55 49.19	42 41 7.0	625	136	
4517	9½	55 49.61	61 46 20.8	192†	16	
4518	8	55 50.10	28 16 17.4	649	6	
4519	7½	55 50.43	51 1 3.5	650	4	
	7	50.54	0.7	542	173	
4520	9	55 50.68	40 1 50.6	629	103	
	9	50.72	49.9	634	106	
4521	8	55 51.66	37 55 50.8	617	168	
	8	51.73	51.0	615	159	
4522	9	55 52.71	34 0 9.6	550	135	
4523	9	55 53.32	42 50 35.4	625	139	
	9	53.40	36.4	627	140	
4524	9	55 54.43	53 56 27.2	259	3	
	9	54.74	25.5	564	8	
4525	9	55 55.01	32 22 16.6	252	49	
4526	9	55 55.04	46 37 51.8	558	129	
	8½	55.15	51.9	233	93	
4527	8½	55 55.28	54 31 36.4	567	2	
	8½	55.36	35.6	546	178	
	9	55.42	35.4	249	9	
	8½	55.47	35.7	259	1	
4528	8½	55 55.49	46 11 50.0	233	91	
	8½	55.50	50.1	222	87	
4529	7½	55 55.92	49 4 11.5	618	153	
4530	7½	55 55.93	28 20 45.5	649	7	
4531	9½	55 56.03	37 43 29.6	615	160	
4532	10	55 56.37	79 37 23.9	194†	85	
4533	9	55 57.38	55 52 48.1	544	155	
	9½	57.60	46.8	643	1	
4534	9½	55 57.53	41 59 5.6	620	148	
4535	9	56 0.09	59 47 2.1	632	67	
	9½	0.15	0.5	552	61	
	9	0.22	2.8	241	77	
4536	9½	56 0.71	60 46 2.1	175	151	
4537	8	56 1.06	27 50 5.2	649	4	
4538	9	56 1.35	40 32 36.6	629	101	
4539	9	56 1.92	42 49 31.5	627	139	
	9	1.93	27.5	625	137	
4540	10	56 2.52	53 35 16.6	564	10	
4541	9	56 2.54	29 34 7.3	593	176	
4542	9	56 3.37	26 49 28.7	590	179	
4543	9	56 3.97	68 32 16.9	238	57	
4544	8	56 4.27	46 13 35.6	233	92	
4545	8	56 4.28	53 44 54.3	567	1	
	7½	4.36	55.9	259	5	
	7½	4.40	54.0	215	160	
	8	4.51	54.4	564	9	
4546	9½	56 7.75	42 51 31.1	625	140	
	9½	7.89	32.6	627	141	
4547	9½	56 8.45	53 57 40.3	259	4	
4548	9	56 9.34	46 46 5.1	558	128	
4549	9	56 9.88	44 42 23.2	637	81	
4550	8	56 10.53	30 13 0.4	160	1	
	8½	10.60	1.2	599	162	
4551	9	56 10.71	59 1 39.4	552	62	
	8½	10.82	42.2	241	80	
4552	9½	56 12.54	30 13 33.6	599	163	
	9	12.62	35.8	160	2	
4553	9	56 12.56	52 41 55.4	212	178	
	8½	12.64	58.2	256	2	
	8½	12.73	56.4	571	1	
	9	12.77	55.2	562	6	
4554	8½	56 13.03	48 13 33.3	622	135	
	8	13.13	34.2	618	155	
4555	9½	8 56 14.41	55 2 51.7	641	6	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
4556	7½	8 56 15.41	24 56 33.2	225	124
	7½	15.52	35.2	603	144
4557	8	56 17.31	69 9 24.5	238	60
4558	9	56 17.33	60 49 59.5	175	152
	9	17.55	61.6	192†	19
4559	9	56 17.83	43 3 48.3	627	138
4560	8	56 18.78	58 15 9.4	218	125
4561	5½	56 20.41	58 36 19.0	218	126
4562	9½	56 20.79	69 20 26.5	238	61
4563	8½	56 20.88	38 25 43.5	617	167
4564	9½	56 22.76	71 45 41.2	189†	29
4565	9½	56 22.82	48 29 45.6	622	136
4566	8	56 23.66	45 24 20.5	222	88
4567	9	56 24.08	61 44 41.3	192†	17
4568	9	56 25.03	58 59 7.8	552	63
	8½	25.31	10.5	241	79
4569	8½	56 25.37	34 56 14.0	612	152
	8	25.38	13.1	550	133
4570	7	56 26.07	26 4 59.1	590	180
4571	8½	56 26.58	23 15 34.2	230	138
4572	9½	56 27.52	45 20 42.0	222	89
4573	9	56 28.48	51 10 24.2	650	6
	9	28.49	24.6	542	174
4574	9	56 28.71	48 30 4.8	622	137
4575	9	56 29.34	42 45 42.6	625	138
4576	9	56 29.37	41 51 36.0	620	149
4577	8	56 29.61	58 33 9.3	218	127
4578	7	56 29.84	64 2 35.7	557	43
	7½	29.88	35.6	187†	45
	7½	30.06	36.4	216	119
4579	9	56 30.73	64 15 0.8	557	44
	9	30.78	0.9	187†	46
4580	8½	56 30.87	45 8 31.0	222	90
	8½	30.89	31.6	637	82
4581	8	56 30.87	26 47 37.6	590	178
	8½	30.95	39.4	244	72
4582	9	56 31.34	51 45 1.7	569	8
	9	31.57	1.6	650	5
4583	8½	56 31.62	51 10 23.0	569	11
4584	9	56 33.32	55 13 19.9	249	12
	9	33.37	19.6	546	181
	9	33.53	19.7	643	2
	9	33.65	22.5	641	8
4585	8	56 33.76	61 22 53.6	210	1
	9	33.89	54.5	192†	18
4586	10	56 33.77	32 55 58.2	609	158
4587	9	56 34.28	66 10 49.0	187†	47
	9½	34.46	51.0	216	121
4588	9½	56 35.66	59 33 29.7	552	64
	9	36.04	32.7	241	81
4589	9½	56 36.58	53 39 48.7	564	11
4590	9½	56 36.93	35 34 49.6	612	153
4591	9½	56 37.17	55 6 17.7	249	13
	9½	37.36	18.7	643	3
4592	9	56 37.20	57 18 14.3	647	4
	9	37.23	12.7	253	21
4593	9	56 37.25	56 53 35.2	647	7
4594	9½	56 37.92	77 29 41.4	596	70
4595	9½	56 42.12	63 27 39.6	187†	44
4596	9½	56 42.14	68 40 19.9	238	59
4597	7	56 42.29	51 3 57.2	542	175
	7	42.37	56.0	569	9
	7	42.40	58.5	650	7
4598	6	56 42.41	41 22 29.0	620	150
4599	8½	56 42.48	37 35 51.7	615	161
4600	8½	56 42.83	71 55 17.1	189†	28
4601	9	56 44.27	24 55 3.4	225	125
	9	44.28	1.6	603	145
	8½	44.32	2.7	153	1
4602	9½	8 56 45.91	53 37 20.3	564	13
4603	8½	8 56 46.19	55 5 40.9	546	182
	9	46.27	40.0	249	11
	9	46.55	43.0	641	7
	8½	46.65	43.0	641	5
4604	9	56 47.75	35 8 42.6	612	155
4605	10	56 49.03	79 49 39.0	194†	86
4606	9	56 51.32	43 12 43.0	625	141
	9	51.34	45.8	627	142
4607	8	56 52.20	46 45 44.5	558	130
4608	8	56 52.91	49 56 47.2	560	62
4609	8	56 53.27	70 39 5.3	238	62
4610	7	56 53.30	62 58 43.0	236	56
4611	9	56 53.49	26 23 11.7	590	181
4612	9	56 54.66	26 54 26.1	244	73
4613	8	56 54.86	56 48 35.3	647	6
	8	55.00	34.7	645	3
	8	55.04	35.2	544	158
4614	9½	56 56.01	53 6 22.7	212	179
	9	56.15	24.5	571	3
	9	56.46	25.8	256	3
4615	8	56 57.03	56 58 15.2	647	5
	8	57.07	15.8	544	157
4616	9½	56 57.08	53 57 59.0	567	4
	9½	57.31	63.6	259	7
4617	8½	56 57.86	25 33 56.9	153	2
4618	9	56 57.96	37 41 35.6	615	162
4619	9½	56 59.08	29 19 36.4	593	177
	9	59.14	38.1	160	3
4620	8½	56 59.56	58 10 46.1	218	128
4621	7½	57 1.44	53 52 24.8	567	3
	7½	1.51	25.4	259	6
	7½	1.67	22.4	215	161
	8	1.81	22.1	564	12
4622	8	57 2.35	35 11 49.3	612	154
4623	9	57 2.38	50 1 27.7	560	63
4624	9	57 3.13	25 45 4.6	225	126
4625	9	57 4.01	50 38 23.0	560	64
	9	4.15	23.2	650	8
4626	9	57 4.67	79 43 19.5	194†	87
4627	8½	57 5.17	36 22 53.4	227	100
4628	9	57 5.66	53 13 29.4	212	180
	8½	5.78	29.2	571	2
4629	10	57 7.44	52 24 12.4	562	8
4630	9	57 7.80	31 0 43.4	252	50
	9½	7.80	44.4	602	148
4631	9½	57 8.02	33 27 35.2	550	136
4632	9	57 8.53	26 31 42.5	590	182
4633	9	57 8.69	23 17 50.6	230	139
4634	8½	57 9.10	38 20 45.1	617	169
4635	9	57 10.35	56 29 50.1	645	5
4636	9½	57 11.71	38 57 35.4	617	170
	9½	11.80	37.1	634	107
4637	9½	57 12.02	55 52 23.1	249	16
4638	9	57 12.05	50 59 46.2	569	10
4639	9	57 12.31	42 44 33.0	625	143
4640	8½	57 12.44	56 37 8.3	645	4
4641	9	57 12.56	48 24 20.5	618	157
4642	9	57 13.34	47 5 28.7	622	138
4643	9	57 13.88	57 26 53.8	218	130
	9	13.93	53.3	253	22
4644	9	57 17.99	41 29 51.8	620	151
4645	7	57 19.01	38 54 42.0	634	108
	7	19.18	41.1	617	171
4646	9	57 19.72	31 47 54.1	602	149
	9	19.86	54.4	252	52
4647	7½	57 20.24	73 26 10.6	184†	25
	7½	20.68	11.6	189†	31
	7½	20.73	10.1	189†	33
	7	20.85	11.9	636	55
4648	9	8 57 20.60	36 30 37.5	227	101

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
4649	9½	8 57 21.11	55 53 40.2	249	15	
4650	8½	57 21.18	23 45 26.7	230	140	
4651	9	57 21.19	43 20 20.6	627	143	
4652	8	57 21.22	30 31 30.9	599	164	
4653	8½	57 21.49	33 45 12.6	550	137	
4654	8½	57 22.62	49 48 35.3	560	65	
4655	7	57 23.29	40 3 48.0	634	110	
	7	23.31	47.4	629	105	
4656	8½	57 23.67	77 7 20.8	194†	90	
4657	9	57 25.45	27 48 7.0	649	8	
	8½	25.57	5.4	244	75	
4658	7½	57 25.70	49 5 17.3	618	156	
4659	9½	57 27.31	41 6 9.9	629	104	
4660	7½	57 29.29	27 42 18.7	244	74	
4661	9½	57 29.62	55 52 35.3	249	17	
4662	9½	57 30.00	60 29 7.2	632	69	
	9	30.17	8.0	210	2	
	9½	30.22	7.5	192†	21	
	9½	30.39	7.7	175	153	
4663	8½	57 30.61	27 47 26.0	649	9	
	8½	30.78	25.3	244	76	
4664	7½	57 31.26	25 7 45.0	225	127	
	8	31.36	42.0	603	146	
	8	31.43	45.6	153	3	
4665	8½	57 32.43	75 45 41.2	596	73	
	9	32.78	40.9	194†	89	
4666	9	57 32.88	59 26 44.6	552	65	
	8½	33.09	47.8	241	82	
4667	9	57 33.02	55 59 13.9	643	4	
	9	33.03	11.8	249	14	
4668	8½	57 33.84	62 30 16.4	236	57	
4669	9	57 34.32	53 3 26.8	212	181	
	9	34.34	24.2	215	162	
	9	34.47	27.9	256	4	
	9	34.49	27.3	571	4	
4670	8½	57 34.53	57 25 33.8	253	23	
	8½	34.63	36.7	647	8	
	8½	34.75	35.3	218	129	
4671	9½	57 34.88	36 3 0.4	227	102	
4672	10	57 37.01	60 22 4.3	175	154	
	10	37.04	5.0	632	68	
4673	9	57 37.04	48 15 26.9	622	139	
	9	37.19	26.9	618	158	
4674	9	57 38.19	34 19 16.3	550	138	
4675	8½	57 38.49	49 45 27.2	560	66	
4676	9	57 39.50	37 26 25.9	615	163	
4677	7	57 40.44	25 0 38.0	603	147	
	7	40.46	39.0	153	4	
	7	40.53	37.8	225	128	
4678	9	57 40.67	52 25 22.0	256	6	
	9	40.90	20.5	562	10	
4679	9	57 41.09	31 24 19.9	252	51	
4680	9½	57 41.19	35 24 28.4	612	156	
4681	9	57 42.06	41 55 52.5	620	153	
	9	42.09	51.1	625	142	
4682	7	57 42.17	31 56 47.9	252	53	
	7	42.24	48.1	602	150	
	7	42.46	46.4	609	159	
4683	9½	57 42.54	35 23 23.7	612	157	
4684	9½	57 43.95	74 23 36.1	189†	32	
	9	44.36	34.6	636	54	
4685	9½	57 46.39	42 0 33.7	620	152	
4686.	9	57 46.57	26 25 31.3	590	183	
	9	46.77	32.4	153	6	
4687	9½	57 46.57	59 35 15.7	552	66	
	9½	46.92	17.7	241	83	
4688	9	57 47.17	45 57 53.8	222	91	
	9	47.24	52.6	233	94	
4689	10	8 57 47.41	62 30 23.0	236	58	
4690	9	8 57 48.50	39 9 41.9	634	111	
	9	48.50	40.9	617	173	
	9	48.52	40.3	634	109	
4691	9½	57 48.57	72 33 10.4	636	56	
4692	9½	57 51.53	52 22 28.4	212	182	
	9	52.07	28.3	256	7	
	9½	52.12	28.2	562	9	
4693	6	57 51.68	51 41 50.1	650	9	
	6	51.70	48.3	569	12	
4694	9½	57 52.30	41 55 34.9	620	154	
4695	6½	57 52.93	60 28 23.2	210	3	
	6½	52.95	23.2	632	70	
	6	53.07	23.9	175	155	
	6½	53.32	24.8	175	157	
	6½	53.42	24.0	192†	20	
4696	9	57 55.08	43 23 10.2	627	145	
4697	8½	57 55.41	43 28 40.7	627	144	
4698	9	57 57.84	24 31 59.9	603	148	
4699	9	57 58.40	55 9 28.0	641	9	
4700	9½	57 59.26	54 34 31.9	567	5	
4701	8	57 59.50	42 12 49.0	625	144	
4702	9	57 59.90	53 36 50.8	259	9	
	9	60.11	47.8	564	14	
	9	60.16	47.0	215	163	
4703	9	58 0.95	40 36 47.4	629	107	
4704	9½	58 1.56	38 57 58.0	617	172	
4705	10	58 1.59	44 43 5.8	637	83	
4706	8½	58 2.29	40 32 19.6	629	106	
4707	9	58 3.28	49 8 34.6	618	159	
4708	8½	58 3.34	52 24 41.2	212	183	
	8½	3.43	41.0	256	5	
	8½	3.48	40.7	562	11	
4709	8	58 4.65	75 54 11.3	194†	88	
	8½	4.98	13.2	596	72	
4710	9	58 5.56	30 37 37.3	599	166	
	9	5.65	39.0	599	165	
	8½	5.69	37.9	160	4	
4711	9½	58 5.80	42 13 6.3	625	145	
4712	8	58 6.69	27 38 48.5	244	77	
4713	8½	58 7.65	56 26 55.9	645	6	
4714	9	58 8.49	36 7 50.2	612	159	
	9	8.50	52.1	227	103	
4715	8½	58 9.33	46 4 5.2	233	96	
	8½	9.41	5.4	222	92	
4716	9	58 9.33	27 7 41.3	153	7	
	9	9.42	41.0	590	184	
	9	9.47	41.8	244	78	
4717	9½	58 9.59	45 55 9.3	233	95	
4718	7½	58 9.59	33 6 22.3	550	141	n. pr.
	8½	9.67	23.4	609	160	
	7	9.69	23.0	252	54	
4719	9½	58 9.60	55 58 43.8	249	20	
	9	9.61	44.3	645	7	
	9½	9.78	42.5	643	5	
	9	9.80	40.7	253	24	
4720	8	58 10.22	33 6 36.1	550	142	s. sq.
	8½	10.27	35.7	609	161	
4721	9½	58 12.01	23 1 20.0	230	141	
4722	9	58 13.38	59 49 26.3	552	67	
	9	13.66	28.6	632	72	
4723	8½	58 14.10	25 39 21.9	153	5	
	9	14.10	23.0	225	129	
4724	9	58 15.59	33 42 22.1	550	139	
4725	9	58 17.33	55 58 5.5	249	18	
	9½	17.40	4.4	253	25	
	9	17.41	5.9	645	8	
	9	17.54	5.7	643	6	
4726	9	8 58 17.86	44 8 59.7	627	147	
	8½	17.91	60.2	637	85	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
4727	8	8 58 18.15	38 6 55.8	617	175	
	8	18.56	55.0	615	164	
4728	8½	58 19.27	43 45 5.8	627	146	
4729	8½	58 19.37	60 23 50.5	241	86	
	9	19.41	46.9	632	71	
	9	19.51	48.0	192†	22	
	8½	19.58	47.4	175	156	
4730	9½	58 21.08	70 17 19.4	238	64	
4731	8	58 21.64	38 9 13.1	617	176	
	8	21.69	12.2	615	165	
4732	9½	58 23.99	59 49 55.1	632	73	
4733	9½	58 24.16	36 0 49.4	612	160	
	9½	24.19	50.4	227	105	
4734	9	58 24.52	42 23 24.6	625	146	
4735	9½	58 24.68	33 33 32.1	550	140	
4736	9	58 25.36	65 51 30.8	557	46	
	9	25.72	29.5	187†	48	
	8½	25.91	30.9	557	45	
	9	25.93	30.3	216	123	
4737	9½	58 25.39	77 30 24.3	194†	91	
	9½	26.20	24.3	596	71	
4738	9	58 26.24	43 55 28.7	637	86	
4739	9	58 26.77	57 11 20.7	647	10	
4740	9½	58 26.84	51 9 28.9	569	14	
4741	8½	58 27.52	56 20 57.9	645	10	
4742	9½	58 29.36	55 58 21.3	645	9	
	9½	29.36	21.1	249	19	
	9½	29.55	21.2	643	7	
	9½	29.56	20.3	253	26	
4743	9½	58 29.36	46 28 13.3	558	131	
	9	29.43	10.7	233	97	
4744	9½	58 29.80	41 33 7.1	620	157	
4745	10	58 31.47	61 36 17.6	192†	23	
	9½	31.49	15.1	210	4	
4746	9	58 31.49	52 20 54.9	256	8	
	9	31.53	52.8	212	184	
	9	31.61	53.4	562	12	
4747	9	58 31.60	41 19 21.5	620	155	
4748	8½	58 32.00	36 9 48.8	612	158	
	8½	32.19	52.2	227	104	
4749	8	58 32.18	33 11 58.5	550	143	
	8½	32.19	58.9	609	162	
	7½	32.22	58.9	252	55	
4750	9	58 34.88	29 47 60.3	649	10	
	9	35.08	58.6	160	5	
	9	35.16	59.6	593	178	
4751	9	58 35.41	33 13 0.3	550	144	
4752	9	58 35.82	41 32 55.8	620	156	
4753	8½	58 36.46	56 27 9.3	645	11	
4754	8½	58 39.42	29 16 24.1	649	11	
	9	39.48	23.7	593	179	
4755	7½	58 40.89	23 44 43.8	230	142	
4756	9	58 40.92	52 8 35.0	256	10	
4757	9½	58 42.21	44 52 45.4	637	84	
4758	9	58 44.48	45 9 34.3	222	93	
4759	9½	58 45.33	27 5 47.1	244	79	
	9½	45.73	49.2	590	185	
4760	9	58 46.40	42 17 51.9	625	147	
	9	46.51	51.9	625	148	
4761	9	58 47.20	51 16 36.4	569	16	
	9	47.23	32.8	569	13	
4762	9½	58 47.22	39 37 32.4	634	113	
4763	7½	58 47.97	54 32 13.6	567	6	
	8	48.08	12.3	215	164	
	7½	48.42	12.9	641	10	
	8	48.47	13.7	259	8	
4764	9	58 49.61	39 42 50.0	634	112	
4765	9½	8 58 49.83	38 58 28.9	634	114	
4766	9½	8 58 49.93	38 32 20.8	617	174	
4767	8½	58 50.71	37 41 27.6	615	166	dpl. II. s. sq.
4768	9	58 53.89	43 33 50.9	627	149	
4769	8½	58 54.86	51 21 11.1	569	15	
	9	54.95	11.0	650	10	
4770	9	58 56.39	31 41 23.7	602	151	
4771	9½	58 59.79	56 36 47.4	253	28	
4772	8½	58 59.81	38 17 57.8	617	177	
4773	9	59 1.10	48 0 43.9	622	140	
4774	8½	59 1.88	70 24 57.1	238	63	
4775	8	59 2.51	36 14 42.1	227	106	
4776	9½	59 2.58	57 16 60.2	647	9	
	9½	2.88	59.4	218	131	
4777	10	59 2.77	71 43 34.3	184†	27	
4778	9½	59 3.22	59 41 50.0	552	69	
	9½	3.44	48.2	632	74	
	9½	3.66	48.9	241	85	
4779	7½	59 4.01	49 12 8.3	618	160	
4780	7½	59 4.70	64 25 56.6	187†	49	
	7½	5.02	54.4	216	122	
4781	9	59 5.49	51 50 37.1	560	13	
4782	9½	59 6.82	78 14 58.4	194†	93	
	9½	7.44	59.6	596	75	
4783	9½	59 7.41	32 54 42.2	550	145	
4784	8½	59 7.98	50 39 53.1	560	70	
4785	9	59 8.06	55 54 23.8	249	21	
	9	8.14	25.1	643	10	
	9	8.18	24.2	253	27	
4786	9½	59 8.41	57 10 40.4	647	11	
4787	9½	59 9.10	30 38 33.1	599	167	
4788	8½	59 9.86	26 35 31.7	153	8	
	8½	10.07	30.1	590	186	
4789	8	59 10.57	41 3 33.6	629	108	
4790	9	59 11.75	37 38 15.3	615	167	
4791	8½	59 12.75	46 54 34.2	558	132	
4792	9	59 12.75	48 11 25.4	618	162	
	9	12.87	24.6	622	141	
4793	6½	59 13.44	32 36 20.2	252	56	
	8½	13.64	20.6	609	163	
4794	8	59 13.65	55 6 55.9	641	11	
4795	8½	59 15.57	54 56 4.0	641	12	
4796	9	59 16.21	49 38 14.9	560	67	
4797	9½	59 17.17	46 22 53.6	233	98	
4798	9	59 17.69	44 24 15.2	637	87	
4799	9½	59 18.34	55 24 10.2	643	8	
4800	9	59 18.74	51 32 46.2	569	17	
4801	9	59 19.18	59 40 11.7	552	70	
	9	19.30	12.3	632	75	
	9	19.36	7.9	552	68	
	9	19.51	10.4	241	84	
4802	7	59 19.24	53 3 18.0	212	185	
	7	19.33	23.9	259	12	
	7	19.36	21.2	571	5	
	7	19.39	19.7	215	165	
4803	9	59 19.41	45 7 21.8	222	94	
4804	8½	59 19.42	31 57 7.0	609	164	
	8	19.44	4.1	602	152	
4805	9½	59 20.30	52 14 57.9	562	14	
	9½	20.46	60.0	256	9	
4806	8	59 20.30	25 9 55.6	603	149	
	8	20.31	56.7	153	9	
	8	20.53	54.8	225	130	
4807	8½	59 20.62	38 21 23.4	617	178	
4808	8½	59 20.93	50 47 53.4	560	68	
	8½	20.99	53.0	650	11	
4809	9½	59 22.03	56 41 5.6	647	12	
	9½	22.21	6.2	253	29	
4810	8	8 59 23.01	49 15 2.1	618	161	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.		No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″						h m s	° ′ ″			
4811	8½	8 59 23.82	45 31 52.9	222	95		4832	9½	8 59 45.43	42 50 36.0	625	150	
4812	8½	59 24.51	55 40 44.1	643	9		4833	7	59 47.06	28 31 13.2	649	12	
	8½	24.56	43.8	249	23			7	47.07	11.5	244	81	
4813	9	59 26.45	41 48 20.9	620	158		4834	9	59 47.22	54 39 26.8	641	13	
4814	8½	59 28.82	23 16 45.4	230	145			9	47.45	23.7	567	8	
4815	9	59 30.80	43 20 56.0	627	148		4835	9½	59 47.69	44 44 16.6	637	88	
	9	30.81	57.9	627	150		4836	9½	59 48.07	60 7 45.9	632	76	
4816	9	59 31.50	23 19 45.0	230	144		4837	7	59 48.19	46 56 42.0	558	134	
4817	8	59 32.63	23 41 30.2	230	143			7½	48.34	44.0	622	146	
4818	10	59 32.99	37 11 39.5	615	168		4838	9	59 49.79	28 16 49.1	649	14	
4819	9	59 33.36	63 2 10.6	236	59			9	49.85	46.5	244	80	
4820	9	59 34.40	50 40 11.0	560	69		4839	9	59 50.20	39 39 50.6	634	115	
	9	34.45	12.0	650	12		4840	5	59 50.80	46 36 2.9	558	133	
4821	9	59 34.82	24 35 27.9	603	150			4	50.81	0.8	233	99	
4822	9½	59 35.62	70 20 37.1	238	65		4841	9	59 52.30	57 8 45.4	253	31	
4823	9	59 36.32	64 18 25.2	187†	53			9	52.47	42.5	647	14	
4824	9	59 37.92	66 17 59.0	557	48		4842	9	59 55.49	40 34 6.5	629	110	
	9	37.93	55.9	187†	51		4843	9½	59 56.54	34 19 48.7	550	146	
4825	9	59 38.08	48 7 58.8	618	163		4844	9	59 56.76	26 36 2.2	590	187	
	9	38.18	58.1	622	142		4845	9	59 57.31	29 24 55.9	593	180	
4826	9	59 38.83	48 3 43.8	622	143			9½	57.35	59.7	160	6	
4827	8½	59 39.68	53 54 59.8	567	7		4846	9½	59 57.37	37 18 16.0	615	169	
	9	39.76	61.9	564	15		4847	9	59 59.29	65 59 48.3	187†	50	
4828	9	59 43.09	41 38 31.8	620	159			9	59.52	49.3	216	124	
4829	8½	59 43.40	57 53 54.0	218	132			9	59.57	51.2	557	50	
4830	9	59 43.70	51 28 56.1	569	19			8½	59.65	49.6	557	47	
4831	10	8 59 44.48	62 7 45.5	210	5		4848	8	8 59 59.32	50 57 9.4	650	13	

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HORA IX

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
1	9	9 0 0.60	28 31 47.4	649	13
	9	0.67	45.6	244	82
2	9½	0 0.90	41 0 2.9	629	109
3	9	0 1.71	47 42 6.0	622	144
4	9½	0 2.30	56 7 50.9	249	22
	9½	2.35	52.4	645	12
5	9	0 2.44	42 57 29.8	625	149
6	9	0 2.56	71 39 40.2	184†	26
	8½	2.80	42.5	636	57
7	9	0 2.59	53 1 48.8	259	13
	9	2.78	45.5	571	6
	9½	2.81	47.0	212	186
8	8	0 2.73	52 24 8.7	212	187
	8	2.83	7.2	562	15
	8	2.91	8.3	256	11
9	8½	0 3.40	53 34 44.3	259	11
	8½	3.55	43.0	564	17
10	8½	0 3.54	57 16 14.2	647	13
	8½	3.60	15.1	253	30
11	9½	0 5.32	53 33 35.9	564	16
	8½	5.48	36.6	259	10
12	10	0 8.26	37 9 20.1	227	107
13	9	0 8.30	78 18 31.3	194†	92
	9½	8.90	32.0	596	74
14	9	0 10.01	42 46 11.9	625	151
15	9	0 10.41	53 14 18.2	564	19
	9	10.50	17.1	571	7
16	9	0 10.71	41 54 15.5	620	160
17	9	0 13.37	49 17 34.0	618	164
18	9½	0 14.04	30 40 50.2	599	168
19	9½	0 16.21	49 49 36.1	560	72
20	9½	0 17.40	54 38 41.0	567	9
21	9	0 17.54	44 5 31.5	627	151
22	9½	0 18.14	72 2 40.0	184†	28
	9	18.44	42.2	636	59
	9	18.69	44.6	636	63
23	8	0 18.16	44 18 45.0	637	89
24	9	0 19.44	51 29 55.3	569	18
	9	19.47	54.4	650	14
25	9½	0 19.46	28 9 37.6	649	15
26	8½	0 19.47	60 10 34.4	632	80
	8½	19.61	33.5	241	87
27	9½	0 19.64	26 7 16.8	590	188
	9½	19.68	16.6	225	131
28	9½	0 21.96	53 12 7.0	571	8
	9½	22.20	6.6	564	18
29	8½	0 22.07	45 21 49.8	222	96
30	9	0 23.64	61 44 8.1	175	158
31	8½	0 24.53	63 13 3.1	236	61
32	9½	9 0 25.04	29 26 49.9	649	16
	9½	25.18	46.5	593	181
33	8½	9 0 26.79	26 50 0.6	153	10
34	4	0 28.30	65 53 48.6	187†	52
	4	28.33	47.4	216	125
	4	28.40	50.0	557	49
35	9	0 28.33	44 28 24.4	637	90
36	9	0 28.75	63 12 17.7	236	62
37	9½	0 29.00	55 50 28.3	643	11
38	9	0 29.78	61 51 25.3	192†	25
	8	29.87	24.8	192†	24
	8	29.89	26.6	236	60
39	7½	0 29.85	46 19 7.5	233	100
40	7½	0 29.88	61 51 23.6	210	6
	7½	29.92	24.8	175	159
41	9	0 30.03	34 18 2.2	550	147
42	9	0 30.99	24 36 30.3	603	151
43	9	0 31.33	23 14 35.0	230	146
44	9	0 31.96	47 43 7.6	622	145
45	8	0 33.70	71 57 19.0	184†	29
	8	33.95	18.4	636	58
	8	34.01	20.0	636	62
46	9½	0 33.82	25 44 17.7	153	11
47	8½	0 34.97	30 45 33.3	599	169
	8½	35.00	34.3	160	7
48	7½	0 35.73	52 0 34.1	212	188
	7½	35.99	35.1	650	15
	7½	36.03	36.9	562	16
49	9½	0 37.30	59 56 27.7	241	89
	9½	37.49	27.6	632	77
50	8½	0 37.57	32 28 7.9	252	57
	8½	37.95	9.3	609	165
51	7	0 38.30	73 54 23.8	189†	35
	7	38.43	24.9	184†	30
	7	38.55	26.3	636	61
	8	38.67	23.8	189†	34
52	8½	0 39.67	73 20 0.6	636	60
53	8½	0 41.42	54 25 43.1	249	25
	8½	41.43	41.7	567	11
	8½	41.46	44.0	259	14
	8½	41.48	41.3	641	14
	8½	41.55	43.9	641	15
54	9½	0 41.46	59 53 7.9	241	91
	9½	41.58	3.9	552	72
	9½	41.58	4.4	632	78
55	9	0 41.47	35 43 22.7	612	161
56	8	0 44.36	41 40 8.0	620	161
57	9½	0 44.93	70 15 10.2	238	66
58	9	0 46.30	41 37 4.5	620	162
59	9	0 47.26	30 22 34.7	160	8
	9	47.45	39.5	599	170
60	8	9 0 47.92	34 2 8.7	550	148

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
61	8½	9 0 48.24	46 32 50.9	558	136	
	9	48.26	47.5	233	101	
	9	48.37	52.9	558	135	
62	9½	0 48.77	56 18 5.8	645	13	
63	9½	0 48.80	28 59 22.9	244	83	
64	9	0 49.37	32 19 56.7	252	58	
	9	49.55	57.0	609	166	
65	9½	0 49.83	26 12 61.5	225	132	pr.
	9½	49.96	57.4	590	189	
66	8½	0 50.60	52 34 49.3	256	12	
	8½	50.64	50.0	571	9	
	8½	50.66	47.6	562	17	
67	10	0 51.33	26 12 59.2	225	133	sq.
	9½	51.41	55.8	590	190	
68	9	0 52.04	24 53 37.4	153	12	dpl. II. s.
	9	52.06	35.3	603	152	
69	8½	0 52.06	40 12 38.9	629	111	
70	9½	0 53.20	29 17 9.5	593	182	
	9½	53.25	12.3	649	17	
71	9	0 53.41	59 32 28.8	552	71	
	8½	53.53	29.6	241	92	
72	9	0 55.03	30 29 28.6	599	171	
73	9	0 55.21	30 57 0.6	602	153	
	8½	55.25	0.7	252	59	
74	9½	0 56.50	45 51 1.1	233	102	
75	9	0 56.54	38 8 53.0	615	171	
	9	56.76	53.9	617	179	
76	7	0 57.07	35 35 44.9	612	162	
77	8½	0 57.64	51 28 39.3	569	20	
	8½	57.71	40.1	650	16	
78	8	0 58.46	23 39 28.1	230	148	
79	9	0 58.68	37 44 44.7	615	170	
80	9½	0 59.02	55 1 24.0	641	16	
81	8½	1 0.45	54 20 7.5	567	10	
	8	0.49	6.6	249	24	
	.	0.55	8.5	259	15	
82	8½	1 0.72	55 50 34.3	643	12	pr.
83	8	1 2.—	55 50 35.7	253	35	sq.
	7½	2.54	34.3	643	13	
84	9	1 2.71	44 34 13.8	637	91	
85	9	1 3.16	40 13 55.2	629	112	
86	8½	1 3.96	31 5 32.9	252	60	
	8	3.97	34.3	602	154	
87	9½	1 4.32	35 30 50.0	612	163	
88	9	1 4.75	51 11 15.4	569	23	
89	10	1 5.02	38 3 53.3	617	180	
90	9	1 5.51	51 21 10.9	569	21	
91	8½	1 5.63	52 35 37.8	562	18	
	8½	5.64	39.0	571	10	
	8½	5.71	38.8	256	13	
92	9	1 6.29	43 7 21.5	625	154	
	9	6.31	20.3	627	153	
	9	6.33	18.5	625	152	
93	8½	1 6.90	60 31 21.2	632	79	
	8½	7.07	20.2	241	88	
	8½	7.14	21.0	210	7	
94	9	1 8.36	39 23 44.9	634	116	
95	8½	1 8.66	47 9 8.9	622	147	
	8½	8.82	10.5	558	137	
96	9	1 10.14	49 46 3.5	560	71	
97	9	1 10.32	44 36 55.8	637	92	
98	8½	1 10.79	27 9 14.9	153	13	
	9	10.90	11.1	590	192	
99	9	1 11.00	39 16 2.3	634	117	
100	8½	1 11.27	44 39 38.9	637	93	
101	8½	9 1 11.78	57 22 55.8	647	15	
	8½	11.80	54.1	218	133	
	9	11.87	57.4	253	34	
102	9½	9 1 11.86	57 10 6.0	647	16	
	9½	12.05	4.1	253	32	
103	9	1 12.62	48 32 18.7	618	165	
104	9	1 12.72	43 42 2.3	627	154	
105	9	1 13.09	42 55 52.2	625	153	
	9	13.12	52.0	627	152	
106	9	1 13.36	36 39 4.0	227	108	
107	9	1 14.90	26 26 9.0	590	191	
108	9½	1 14.95	47 13 35.7	558	140	
109	9	1 15.08	27 2 40.0	590	193	
110	9	1 15.49	33 44 48.4	550	150	
111	7½	1 15.84	75 13 54.3	189†	36	
	8	16.21	56.6	596	77	
112	9½	1 16.10	55 55 8.9	643	14	
113	8½	1 16.68	58 18 57.7	218	135	
114	8½	1 17.73	22 49 34.0	230	147	
115	8	1 19.28	60 4 5.1	632	81	
	8	19.55	5.2	241	90	
116	9	1 20.06	49 34 25.9	618	168	
	9	20.18	27.3	560	75	
117	9	1 21.49	29 22 53.3	593	183	
	9	21.51	53.0	649	18	
118	9	1 21.99	47 2 22.9	622	148	
	9	22.26	24.9	558	138	
119	9½	1 23.89	53 44 38.1	564	20	
120	8½	1 24.28	52 42 47.5	562	19	
	8½	24.34	47.5	571	11	
	8½	24.57	49.1	256	14	
121	8½	1 24.81	56 13 52.3	645	14	
122	8	1 25.39	49 47 12.5	560	73	
123	9	1 25.41	44 58 29.7	637	95	
	9½	25.59	27.4	222	97	
124	8½	1 25.49	36 18 11.9	227	109	
125	9	1 25.60	79 38 55.7	194†	94	
	9	25.96	54.8	596	76	
126	7	1 27.91	57 21 15.7	647	17	
	7	27.99	13.4	253	33	
	7	28.18	13.7	218	134	
127	9	1 28.71	51 23 3.3	569	22	
	9	28.98	5.3	650	17	
128	9½	1 29.61	27 49 4.7	649	20	
129	8	1 29.79	64 11 14.7	216	126	
	8	30.01	14.5	187†	54	
130	8½	1 29.94	28 47 26.3	649	19	
131	9½	1 30.74	70 51 47.9	238	68	
132	9	1 31.37	36 52 33.0	227	111	
133	9	1 31.—	30 6 41.7	160	9	
	9	31.50	41.6	593	184	
	9	31.58	41.0	599	172	
134	9	1 32.41	48 44 58.7	618	166	
135	8	1 32.53	54 44 32.1	641	18	
136	9	1 34.22	47 16 6.3	622	150	
137	8	1 35.52	33 3 54.7	550	149	
	8½	35.58	57.4	609	167	
138	8	1 36.46	49 38 41.2	560	74	
	7½	36.59	40.2	618	169	
139	9	1 36.70	26 49 9.5	153	14	
	9	36.72	7.7	244	84	
140	8½	1 38.54	44 56 14.9	637	94	
	8½	38.61	13.9	222	98	
141	9	1 40.95	41 39 54.3	620	165	
142	9	1 42.70	47 8 34.6	622	149	
	9	42.87	35.7	558	139	
143	9½	1 43.61	37 30 28.9	615	174	
144	8½	1 43.84	33 46 6.3	550	151	
145	9½	1 43.95	41 27 16.6	620	163	
146	9½	1 45.03	64 14 11.7	187†	55	
147	9	9 1 46.63	24 39 2.7	603	153	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
148	8	9 1 47.69	48 44 3.7	622	152	
	8	47.71	1.7	618	167	
149	9½	1 48.27	31 19 53.7	602	155	
150	8½	1 48.76	50 57 38.8	569	24	
	9	48.98	37.3	650	18	
151	8½	1 50.15	38 3 15.8	617	181	
	8½	50.20	15.6	615	172	
152	9	1 50.17	58 16 4.6	218	136	
153	9	1 51.07	41 30 11.8	620	164	
154	9	1 51.50	40 55 32.9	620	166	
	9	51.65	29.9	629	113	
155	9½	1 52.59	46 5 26.9	233	103	
	9½	52.97	25.6	222	99	
156	8½	1 53.04	54 58 51.9	249	26	
	8	53.24	52.8	641	17	
157	9½	1 54.25	34 19 27.0	550	153	
158	9	1 55.66	43 22 21.8	627	156	
159	9½	1 55.69	40 31 17.2	629	114	
160	10	1 58.90	52 20 5.2	562	21	?
161	9	1 59.90	34 17 30.0	550	152	
162	9	1 59.93	36 49 52.8	615	175	
	9	59.95	53.4	227	112	
163	9	2 0.46	44 36 42.0	637	96	
164	9	2 2.72	23 31 28.4	230	149	
165	9½	2 2.83	24 26 41.7	603	155	
166	8	2 3.13	42 59 45.7	625	155	
	8	3.21	48.2	627	155	
167	9½	2 3.35	72 46 31.0	636	66	
168	9½	2 3.48	33 55 46.1	550	155	
169	9	2 4.00	36 7 40.8	612	164	
	9	4.15	43.0	227	110	
170	8	2 4.66	31 24 43.0	602	156	
	8	4.89	42.8	252	61	
171	8	2 4.79	52 18 2.3	256	15	
	8½	4.86	0.3	562	20	
172	9	2 6.32	55 53 25.2	643	15	
173	8½	2 7.05	34 1 3.9	550	154	
174	8½	2 7.53	77 35 55.6	194†	95	
	8½	8.10	56.9	596	79	
175	9½	2 8.61	30 36 38.3	599	173	
176	9	2 9.51	28 9 11.9	649	22	
177	9	2 9.52	55 14 15.7	249	27	
178	8½	2 10.09	67 7 24.9	238	70	
	8	10.20	21.4	557	51	
179	7½	2 11.29	29 34 52.3	593	185	
	8	11.37	51.7	160	10	
180	8½	2 12.06	35 51 9.1	612	165	
181	9½	2 12.88	37 36 13.0	615	173	
182	8½	2 13.58	52 27 11.7	256	16	
	8½	13.75	10.0	562	22	
183	8½	2 13.66	58 25 28.6	218	137	
184	9	2 13.74	39 0 30.0	634	119	
185	8	2 15.19	54 31 40.1	567	12	
	8	15.25	40.8	641	19	
	8	15.41	41.6	259	16	
186	9½	2 15.23	35 50 57.7	612	166	
187	8	2 15.68	38 59 47.5	634	118	
	8½	15.78	47.7	617	182	
188	9	2 17.39	32 39 51.1	609	168	
189	9½	2 17.41	46 40 57.6	558	141	
190	10	2 17.49	25 54 47.5	590	194	
191	8½	2 17.70	47 25 4.6	622	151	
192	9	2 20.87	65 58 30.0	557	52	
193	9½	2 21.75	45 54 27.7	233	104	
194	7	2 21.91	70 6 27.6	238	67	
195	9	2 21.97	55 24 39.3	249	28	
196	9½	2 23.53	55 50 27.4	253	36	
	9½	23.63	26.2	643	16	
197	8½	9 2 23.94	73 41 24.9	189†	37	
198	10	9 2 24.82	61 56 58.8	236	63	
199	8½	2 25.83	27 41 41.0	244	86	
200	8½	2 26.15	54 24 9.0	641	20	
	8½	26.18	9.6	259	17	
	8½	26.20	10.6	249	31	
	8	26.31	8.7	567	13	
201	10	2 26.23	57 2 17.0	647	18	
202	8	2 26.28	38 18 55.5	617	183	
203	8	2 26.96	28 5 25.4	649	21	
204	9	2 27.09	58 45 37.2	218	140	
205	9½	2 27.74	53 3 0.4	259	18	
206	8½	2 28.76	29 27 5.4	160	11	
	9	28.85	4.5	593	186	
207	7½	2 29.02	61 19 36.9	210	8	
	9	29.16	38.5	192†	26	
208	9½	2 31.78	24 27 29.1	603	154	
209	9	2 32.73	45 10 2.2	637	97	
210	5	2 33.76	25 21 18.6	225	134	
	5	33.80	18.1	153	16	
211	8½	2 34.46	31 46 19.1	252	63	
212	8	2 36.71	59 0 55.8	552	73	
	8	36.97	56.1	241	93	
213	8	2 37.04	63 47 20.2	216	127	
	8	37.17	18.5	187†	56	
214	10	2 37.58	35 52 24.9	612	167	
215	9	2 37.75	26 48 7.1	244	85	
	8½	37.77	8.2	153	15	
	8½	37.81	8.6	590	195	
216	9½	2 37.99	32 0 16.9	609	170	
217	9½	2 38.04	45 22 19.7	222	101	
218	8	2 38.06	31 32 1.7	602	158	
	8	38.11	1.9	252	62	
219	8½	2 38.23	32 1 53.1	602	157	
	8½	38.29	52.3	609	169	
	8½	38.42	51.5	252	64	
220	8	2 38.39	33 37 11.1	550	156	
221	8½	2 38.53	52 45 52.2	562	25	
	8½	38.76	52.2	571	12	
222	9½	2 38.59	56 0 22.5	645	15	
223	9½	2 39.55	40 34 44.9	629	115	
224	8½	2 41.69	52 32 8.1	571	14	
	8½	41.85	9.1	562	23	
	8	41.94	7.8	256	17	
225	8	2 44.31	39 19 46.1	634	120	
226	8½	2 44.47	52 44 49.4	562	24	
	8½	44.50	51.3	571	13	
227	9	2 44.50	55 20 38.4	643	20	
	9	44.61	38.7	249	29	
228	9	2 44.71	45 30 55.0	222	100	
229	9	2 46.36	53 35 17.0	259	19	
	8½	46.51	13.8	564	21	
230	9	2 46.37	22 49 16.2	230	150	
231	9	2 46.63	52 51 37.9	571	15	
232	9½	2 46.76	63 51 25.7	216	128	
233	9	2 47.67	51 6 39.1	650	19	
234	9	2 48.70	49 8 12.0	618	170	
235	8	2 48.88	52 1 38.8	569	25	
	8	49.01	40.1	650	21	
	8	49.04	39.5	256	18	
	8	49.13	39.9	562	26	
236	9½	2 49.07	36 49 1.4	227	113	
	9½	49.27	1.8	615	176	
237	8½	2 49.84	43 27 8.4	627	158	
238	9	2 50.12	55 46 33.3	643	17	
239	8½	2 51.59	27 58 54.0	649	23	
240	8	2 51.94	61 36 8.4	210	9	
241	9	2 54.92	72 47 48.7	636	65	
242	9	2 55.10	30 35 52.9	599	174	
243	9½	9 2 56.62	55 39 47.9	643	18	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
244	9	9 2 56.91	50 32 29.1	560	76
245	8½	2 57.63	29 46 16.6	593	187
	8½	57.75	17.1	160	12
246	9	2 58.62	47 22 16.4	622	154
247	6½	2 58.65	55 17 59.9	249	30
	6½	58.76	60.6	641	21
	7	58.78	60.9	643	19
248	10	2 58.89	64 21 43.6	187†	58
249	8½	2 59.52	42 51 56.4	627	157
	9	59.67	53.3	625	156
250	10	3 1.32	42 48 46.6	625	157
251	8	3 1.73	33 45 33.5	550	157
252	8	3 2.17	59 2 15.0	241	94
	8	2.22	15.6	552	74
253	9	3 4.33	61 36 47.7	210	10
254	9	3 5.05	47 56 15.0	622	153
255	9½	3 5.82	41 26 1.2	620	167
256	9	3 6.52	55 22 2.1	643	21
257	9	3 7.63	23 22 47.5	230	152
258	9	3 8.22	47 25 55.4	622	155
259	9	3 8.23	73 35 9.6	189†	38
260	8½	3 8.34	58 34 2.3	218	138
261	9½	3 9.60	53 48 53.5	564	22
262	9½	3 10.21	59 44 7.4	632	83
263	8	3 10.37	36 51 16.6	615	177
	8	10.53	16.7	227	114
264	9½	3 10.52	46 16 11.7	233	106
265	9	3 10.56	47 22 30.6	622	156
266	7	3 10.63	25 20 3.8	153	17
	7	10.87	2.4	225	135
267	9½	3 10.73	59 50 3.2	241	97
	9½	10.93	1.4	632	82
268	8½	3 10.88	58 42 12.7	218	139
269	7	3 11.27	44 7 43.1	627	159
	7	11.39	43.8	637	98
270	7	3 13.21	50 42 30.8	560	77
271	9½	3 14.07	39 34 1.8	634	121
272	9	3 16.26	64 27 13.2	216	129
	8½	16.35	12.1	557	53
	8½	16.45	12.2	187†	57
273	9	3 16.44	23 13 31.9	230	151
274	9½	3 16.61	24 50 58.8	603	156
275	6½	3 17.26	26 15 46.7	590	196
	6½	17.32	46.5	153	18
	6½	17.43	47.2	225	136
276	9½	3 17.69	27 35 42.8	244	87
277	9½	3 19.50	45 57 31.6	233	105
278	8½	3 19.94	47 3 27.9	558	142
279	9	3 19.96	30 2 26.9	649	24
	9	20.01	26.8	599	175
	9	20.11	25.6	593	188
280	8½	3 20.26	36 36 35.8	227	116
281	9	3 21.23	25 55 8.9	590	197
282	9	3 21.52	46 15 45.3	233	107
283	10	3 22.02	64 26 57.6	187†	59
	10	22.05	58.2	216	131
	9½	22.06	58.3	557	54
284	8½	3 22.09	33 10 56.7	550	158
285	9½	3 22.70	62 20 42.2	236	64
286	8½	3 23.51	40 34 12.8	629	116
287	3	3 23.85	42 55 43.5	627	160
	3	24.08	42.7	625	159
288	9	3 24.06	72 7 47.0	636	64
	9½	24.23	47.2	189†	41
289	9	9 3 25.81	51 51 27.3	562	27
	8½	25.83	25.5	569	26
	8½	25.85	29.6	256	19
	8½	25.90	25.5	650	20
290	9	9 3 27.56	44 3 11.5	627	161
	9	27.59	11.4	637	99
291	9½	3 28.11	36 32 57.3	227	117
292	8½	3 28.16	45 23 25.3	222	102
293	9	3 28.29	51 59 42.0	569	27
	9½	28.41	44.7	650	22
	9	28.46	42.5	562	28
	9	28.46	45.3	256	20
294	9	3 29.30	71 53 14.6	636	67
295	9½	3 29.45	35 45 43.4	612	168
296	9	3 29.96	42 49 28.5	625	158
297	9½	3 32.41	50 38 5.4	560	78
298	9	3 32.61	43 4 23.8	627	162
299	7½	3 33.41	40 55 12.4	620	168
	7½	33.47	9.4	629	117
300	9	3 33.79	49 59 40.3	560	81
301	9½	3 36.01	36 48 13.3	615	178
	9½	36.05	14.5	227	115
302	9½	3 36.40	66 6 48.4	557	55
303	9	3 36.40	50 8 11.0	560	80
304	9	3 36.67	26 31 25.5	590	198
305	8½	3 37.17	44 38 22.2	637	101
306	9	3 37.59	38 22 26.1	617	184
307	9½	3 39.52	54 51 40.8	249	33
	9½	39.74	42.1	641	23
308	9	3 39.66	33 31 7.3	550	159
309	8	3 40.51	31 56 52.4	252	65
	8½	40.51	52.9	602	159
	8½	40.70	54.3	609	171
310	10	3 40.72	56 8 2.3	645	16
311	9½	3 40.91	33 29 22.6	550	161
312	8½	3 41.44	28 27 9.1	244	89
313	9	3 42.10	29 53 36.1	649	25
	9½	42.17	37.2	599	176
	9	42.22	35.8	160	13
314	8	3 42.36	67 36 33.8	238	72
	8	43.05	31.6	238	69
315	7	3 42.75	63 59 53.9	216	130
	7	42.76	54.2	187†	60
316	8½	3 42.90	54 6 56.1	567	14
317	9	3 43.86	55 13 39.4	641	22
318	9½	3 44.45	23 1 57.7	230	154
319	8½	3 45.11	38 16 44.1	617	185
320	9	3 45.41	27 39 32.6	244	88
321	9½	3 45.98	43 53 33.3	637	100
322	8½	3 46.13	40 48 1.1	629	118
323	9½	3 46.17	53 30 11.8	259	20
	9	46.39	13.2	564	25
	9	46.44	9.6	564	23
324	8½	3 46.48	32 3 9.4	602	160
	9	46.66	9.4	609	172
	8½	46.69	8.6	252	66
325	8	3 46.50	34 50 34.5	612	169
	8	46.65	36.1	550	162
326	7½	3 47.15	59 45 27.2	552	76
	7½	47.24	28.5	241	96
	7½	47.33	27.3	632	84
327	9	3 47.34	76 23 54.2	194†	96
	9	47.89	53.6	596	78
328	8½	3 48.75	58 9 11.0	218	143
329	9	3 48.93	33 35 27.5	550	160
330	9½	3 50.23	32 48 40.3	252	67
331	9	3 50.67	28 18 45.1	244	90
332	8	3 51.58	49 58 23.2	560	82
333	9	3 51.81	67 18 26.0	238	71
334	8½	3 51.97	48 56 56.8	618	171
335	9	3 52.52	23 0 44.5	230	153
336	8	9 3 52.83	34 48 25.8	550	163

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
337	7	9 3 53.72	56 57 37.1	647	19	
	7	53.86	35.6	253	37	
338	9½	3 58.69	24 37 35.8	603	157	
339	9	3 59.22	45 44 53.0	222	103	
340	9	4 0.05	29 39 15.7	593	189	
341	9½	4 0.15	67 26 42.8	238	73	
342	9	4 1.44	36 19 33.2	227	119	
343	9½	4 1.48	32 46 58.8	252	68	
	9½	1.94	62.5	609	173	
344	8½	4 2.63	54 4 10.3	567	15	
345	8½	4 2.78	59 0 39.6	241	95	
	9	2.81	38.6	552	75	
346	8½	4 3.50	73 36 31.3	189†	39	
	8	4.08	34.5	636	69	
347	8½	4 3.72	62 20 44.5	236	65	
348	9	4 5.24	38 2 40.0	617	186	
	9½	5.43	39.9	615	179	
349	9½	4 6.42	32 47 1.4	252	69	
350	8½	4 7.57	50 17 35.6	560	83	
351	9	4 8.89	34 21 39.4	550	164	
352	9½	4 9.90	40 12 17.5	629	119	
353	9½	4 10.02	35 38 9.0	612	171	
354	8	4 11.34	58 38 42.8	218	142	
355	9½	4 12.24	65 40 20.1	216	133	
356	9	4 12.90	56 3 59.5	249	34	
	9	12.99	60.7	643	22	
357	9	4 13.86	27 58 43.5	649	26	
358	7½	4 14.57	50 55 49.4	569	29	
	7½	14.68	49.7	560	79	
359	8	4 14.70	54 49 10.0	249	35	
	8	14.77	11.6	641	24	
	8	14.82	8.4	249	32	
360	8	4 15.22	61 15 40.5	210	11	
	8	15.33	41.9	192†	29	
361	7	4 15.35	29 18 40.1	649	27	
	7½	15.54	37.1	160	14	
362	9	4 16.03	56 14 32.8	645	17	
363	7	4 16.23	25 17 44.3	225	137	
	7	16.51	45.3	153	19	
364	9	4 16.53	56 12 35.6	645	18	
365	9	4 17.34	47 50 20.4	622	159	
366	8½	4 17.68	53 47 16.4	259	23	
	8½	17.76	15.1	564	27	
367	9	4 19.14	47 15 30.2	622	157	
368	9	4 19.15	26 30 36.3	590	199	
369	9½	4 19.53	40 5 51.0	634	123	
	9	19.55	46.8	629	120	
	9½	19.56	50.3	634	122	
370	8½	4 19.59	47 9 38.3	622	158	
	8½	19.84	38.2	558	143	
371	8½	4 20.33	44 59 50.5	637	105	
	9	20.50	47.7	222	104	
372	9	4 21.52	42 50 22.9	627	163	
	9	21.58	22.7	625	160	
373	9½	4 21.55	52 48 11.6	571	16	
374	8½	4 22.13	37 12 36.7	615	180	
375	9	4 23.38	29 45 51.1	593	190	
376	8½	4 23.50	51 15 6.2	569	32	
	8½	23.70	9.2	650	24	
377	9	4 24.37	55 56 1.5	643	23	
378	9½	4 25.31	35 44 58.0	612	170	
379	9½	4 25.83	53 44 2.3	564	28	
380	8½	4 26.75	51 0 22.2	569	30	
381	7½	4 27.01	58 40 46.2	262	1	
	7½	27.22	45.8	218	141	
382	9½	4 28.31	54 52 51.4	641	26	
383	8	9 4 29.29	54 35 40.0	567	16	
	8	29.32	42.5	249	36	
	8	29.38	42.1	641	25	
384	9	9 4 30.49	56 57 17.3	253	38	
	9	30.49	20.9	647	20	
385	9	4 31.62	49 37 11.5	618	172	
386	9	4 32.00	52 4 16.1	562	29	
	8½	32.12	17.0	569	28	
	8½	32.14	17.4	650	23	
	8½	32.19	19.6	256	21	
387	9½	4 33.25	46 15 55.1	233	108	
388	9	4 35.28	28 14 42.4	244	91	
389	9	4 36.21	56 53 9.0	647	22	
	9	36.42	7.0	253	39	
390	6	4 38.55	29 51 21.6	649	28	dpl. n. pr.
	6	38.72	21.1	160	15	
	6	38.75	23.0	599	178	
	6	38.84	22.4	593	191	
391	8½	4 39.09	44 51 34.3	637	102	
392	8½	4 39.15	56 19 15.2	645	19	
393	9	4 39.21	53 30 41.3	259	21	
	9½	39.56	39.2	564	24	
394	9½	4 39.42	29 51 38.2	649	29	s. sq.
	9½	39.54	37.2	599	177	
	9½	39.58	37.8	593	192	
395	8½	4 40.97	48 47 0.9	618	173	
396	9	4 41.52	65 40 20.5	557	56	
	9	41.75	20.8	187†	62	
397	8½	4 41.53	56 55 18.6	647	21	
	8½	41.57	20.1	253	40	
398	9	4 41.59	36 29 22.2	227	121	
	9	41.63	21.6	227	118	
399	9	4 41.64	62 29 29.4	236	66	
400	9½	4 42.13	42 41 5.7	625	162	
401	7	4 44.86	57 37 33.8	218	144	
402	9	4 45.52	56 45 9.8	647	23	
	9	45.63	10.1	645	20	
	9	45.64	8.9	253	42	
403	9	4 45.79	53 59 56.5	567	20	
	9	45.88	56.4	259	26	
404	9½	4 46.54	26 1 4.3	590	200	
405	8½	4 47.73	65 39 4.5	557	57	
	8½	47.76	3.7	187†	61	
	9	47.86	3.9	216	132	
406	8	4 47.86	60 40 16.9	192†	27	
407	5	4 48.01	72 5 58.0	189†	40	
	5	48.30	59.4	636	68	
	5	48.66	56.8	184†	31	
408	9½	4 48.54	40 28 21.0	629	123	
409	8½	4 48.96	40 32 17.2	629	122	
410	8	4 48.97	57 3 4.9	647	24	
	8	49.09	4.1	253	41	
411	9	4 48.98	53 36 52.8	259	22	
	9½	49.19	51.6	564	26	
412	9	4 49.37	42 48 4.2	625	161	
413	9	4 50.61	43 16 21.9	627	164	
414	9	4 53.97	51 5 45.3	569	31	
415	9½	4 54.22	53 53 0.6	567	21	
	9½	54.50	0.8	259	25	
416	7½	4 54.50	53 51 50.3	567	19	
	8	54.59	52.3	259	24	
	7½	54.74	50.6	564	29	
417	9	4 56.85	52 44 23.6	562	30	
	9	56.89	27.1	571	17	
418	9	4 56.94	59 32 14.1	241	98	
	9	57.20	15.8	552	79	
419	8	4 57.50	44 3 34.2	637	106	
	8	57.50	34.7	627	168	
420	9	4 57.90	54 13 48.1	567	17	
421	9½	4 59.78	48 27 2.6	622	160	
422	7½	9 5 0.31	25 46 41.6	153	20	
	7½	0.34	40.3	225	138	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
423	8½	9 5 1.38	40 52 11.4	620	169	
	9	1.41	10.5	629	121	
424	9½	5 1.48	62 23 18.3	236	67	
425	9½	5 1.69	37 0 26.9	615	181	dpl. IV.
426	8½	5 1.86	54 4 6.9	567	18	
	8½	2.08	8.5	259	27	
427	9½	5 2.43	59 43 26.2	241	99	
	9½	2.46	26.3	632	88	
	9	2.58	24.4	632	85	
	9	2.69	24.4	552	77	
428	9	5 2.50	43 22 52.4	627	165	
429	9	5 3.26	47 13 30.9	558	144	
430	9	5 3.26	42 8 29.9	620	170	
431	7	5 3.32	53 5 11.8	571	18	
	7½	3.41	11.8	256	22	
432	9	5 3.39	44 48 43.0	637	103	
433	9½	5 5.63	78 57 25.3	596	80	
434	8½	5 5.82	45 1 4.8	222	105	
	8½	6.08	5.7	637	104	
435	9	5 6.78	60 14 30.9	632	86	
	8	6.78	34.7	632	89	
436	10	5 7.86	60 40 17.9	210	12	
	8½	8.19	15.7	192†	28	
437	9½	5 9.50	27 40 28.7	244	92	
438	8	5 10.78	47 42 52.9	622	162	
439	9½	5 11.93	36 26 57.9	227	120	
440	9½	5 12.50	55 56 35.1	643	24	
441	8½	5 12.54	26 14 29.3	639	1	
	8½	12.59	27.6	153	21	
	9	12.65	28.4	225	139	
	8½	12.79	27.9	590	201	
442	9½	5 13.01	24 16 37.4	603	158	
443	9	5 13.21	38 15 27.1	617	187	
444	8	5 17.02	38 14 21.2	617	188	
445	9	5 17.19	34 50 37.6	550	165	
446	9	5 17.97	67 59 5.2	238	74	
447	9	5 21.64	35 24 24.4	612	172	
448	8½	5 21.87	43 40 3.0	627	167	dpl. I. s. pr.
449	9	5 22.39	52 29 34.4	562	31	
	9	22.58	35.3	256	23	
450	8	5 22.56	57 48 52.5	262	3	
	8	22.73	51.8	218	145	
451	9	5 24.44	48 4 15.2	622	161	
	9	24.57	15.4	618	174	
452	8½	5 26.17	33 54 25.0	550	167	
453	9	5 26.94	53 17 44.2	571	19	
	9	26.99	41.6	564	31	
454	9	5 27.94	63 31 49.8	216	134	s. pr.
455	9½	5 28.00	34 6 6.1	550	168	
456	8	5 28.13	32 35 30.1	252	70	
457	9½	5 29.10	63 31 40.8	187†	63	n. sq.
	10	29.26	40.8	236	68	
458	9	5 29.35	51 45 7.4	569	34	
	9	29.44	6.7	650	25	
459	9	5 29.57	43 24 57.8	627	166	
460	9	5 30.23	59 49 33.8	552	78	
	9	30.29	33.4	632	87	
	9	30.30	36.4	241	101	
461	7	5 32.35	46 58 5.9	622	164	
	7	32.36	3.9	558	145	
462	7½	5 32.96	48 54 54.3	618	175	
463	9	5 33.58	35 29 36.3	612	173	
464	9½	5 33.68	42 1 45.3	620	171	
465	8	5 33.92	36 20 8.4	227	122	
466	9	5 33.94	34 50 56.4	550	166	
467	9	5 35.78	35 29 52.3	612	174	
468	9	5 39.15	52 18 58.1	562	32	
	9	39.28	61.2	256	24	
469	9	9 5 39.85	26 55 53.8	639	2	
	9½	39.94	52.0	244	93	
470	9	9 5 44.37	60 41 42.3	192†	30	
471	9½	5 46.74	68 4 22.4	238	76	
472	8	5 47.95	47 41 53.8	622	163	
473	9	5 48.19	54 34 48.4	641	27	
474	9½	5 48.41	59 34 50.2	241	100	
	9½	48.67	49.6	552	80	
475	8½	5 49.27	56 41 12.0	647	25	
	8½	49.31	11.4	645	21	
	8½	49.43	10.9	253	44	
	8½	49.46	12.6	253	43	
476	9	5 50.40	41 38 39.3	620	173	
477	9	5 50.67	46 37 21.5	233	111	
	9	50.75	29.7	233	109	
	9	50.78	24.3	558	146	
478	9	5 50.78	35 34 12.3	612	176	
479	9	5 51.04	52 14 30.1	256	26	
	9	51.19	28.6	562	33	
480	9½	5 51.52	37 27 5.7	615	182	
481	9	5 52.57	41 50 46.0	620	172	
	9	52.57	45.7	625	163	
482	7½	5 53.43	48 46 47.8	618	176	
483	8½	5 53.44	59 2 54.2	218	148	
484	8½	5 54.72	41 2 56.5	629	124	
485	9	5 55.30	39 2 35.4	617	190	
	9	55.43	36.3	634	124	
	9	55.47	38.0	634	126	
486	9	5 55.58	40 48 34.6	629	125	
	9	55.83	35.9	620	174	
487	9	5 55.89	50 23 53.9	560	84	
488	9	5 57.12	38 6 8.1	615	184	
	9	57.33	7.4	617	189	
489	8½	5 57.20	53 54 16.5	567	22	
	8½	57.25	18.8	259	28	
	8½	57.40	16.9	564	30	
490	9	5 57.92	74 13 16.0	189†	42	
	8½	58.40	18.1	636	70	
	9	58.94	15.0	184†	33	
491	9½	5 58.55	32 54 34.3	252	71	
492	8½	5 58.83	34 12 50.4	550	169	
493	7	5 59.14	51 34 32.7	569	33	
	7	59.30	31.2	650	26	
494	8½	5 59.70	35 35 40.2	612	175	
495	7½	6 1.33	58 45 45.4	262	5	
	7½	1.42	43.5	262	2	
	7½	1.55	44.9	218	147	
496	9½	6 3.05	37 34 6.4	615	183	
497	9	6 5.79	46 15 39.3	233	110	
498	8	6 6.23	68 14 53.7	238	75	
499	9½	6 7.15	43 1 15.9	625	164	
	9½	7.28	18.5	627	169	
500	9	6 7.27	27 37 53.3	639	5	
501	8	6 7.95	27 55 1.1	649	30	
	8	8.00	0.3	639	3	
	8½	8.18	0.4	244	94	
502	10	6 9.57	60 43 6.7	210	13	
503	8½	6 11.71	45 3 58.1	654	1	
	8½	11.84	57.5	637	107	
	8½	11.97	55.3	222	106	
504	8½	6 14.17	35 41 55.2	268	2	
	9	14.20	51.2	612	177	
505	9½	6 14.66	47 12 55.1	558	147	
506	8½	6 15.31	52 8 21.9	569	35	
	8½	15.39	20.8	562	34	
	8½	15.41	23.8	256	25	
	8½	15.41	21.9	650	27	
507	9	6 15.47	61 25 38.3	210	14	
	8½	15.59	35.5	192†	32	
508	8½	6 17.87	54 11 16.1	567	25	
	9	18.07	17.5	259	29	
509	9½	9 6 17.92	50 29 7.1	560	85	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
510	7	9 6 19.54	42 45 20.4	625	165	
511	8½	6 19.76	40 44 10.7	629	126	
512	9	6 21.17	34 36 25.0	550	171	
513	8	6 23.09	35 14 11.1	268	1	
	8	23.21	8.0	612	178	
514	9	6 24.24	68 1 16.8	238	77	
515	9	6 25.00	61 20 39.2	210	15	
	8	25.24	37.3	192†	31	
516	8½	6 25.48	39 5 32.6	617	191	
	8	25.51	35.3	634	125	
517	8½	6 25.64	34 27 7.6	550	170	dpl. II.
518	7	6 27.92	27 48 16.9	639	4	
	7½	27.99	16.9	649	31	
	8	28.00	16.3	244	95	
519	9½	6 28.29	59 30 16.7	552	81	
	9½	28.46	16.9	241	102	
520	8	6 29.56	42 45 34.7	625	166	
521	9	6 30.31	57 56 56.4	218	146	
522	8½	6 32.20	52 6 40.7	256	27	
	8½	32.22	38.7	569	36	
	9	32.26	38.2	562	35	
	9	32.36	37.0	650	28	
523	6	6 32.54	44 21 24.2	637	108	
524	9	6 35.84	43 32 29.5	627	170	
525	8	6 39.80	44 26 16.9	637	109	
526	8	6 39.91	53 22 29.4	259	32	
	8½	39.91	28.3	571	20	
	8½	39.92	27.5	564	32	
527	9	6 40.56	38 56 53.0	617	193	
	9	40.77	54.8	634	127	
528	8	6 40.57	59 59 28.7	632	91	
529	9½	6 42.12	37 10 4.5	615	186	
	9½	42.42	4.7	227	123	
530	9½	6 43.05	60 22 1.0	632	90	
531	9	6 43.55	27 43 32.2	639	6	
532	9	6 43.98	31 4 37.4	160	16	
533	9½	6 44.47	75 34 40.4	596	81	
534	8½	6 46.94	53 44 21.7	567	23	
	9	47.05	23.8	259	30	
535	9	6 47.60	53 16 7.9	259	33	
	9	47.70	7.7	571	21	
	9	47.83	7.8	564	33	
536	9	6 47.70	36 57 6.5	268	3	
	9	47.81	7.1	615	187	
	9	47.93	5.8	227	125	
537	8	6 47.72	41 5 32.5	620	175	
	8	47.78	34.4	629	129	
538	8½	6 47.99	52 32 7.9	571	22	
539	8½	6 48.40	25 57 49.8	153	22	
	8	48.42	53.3	639	7	
540	6½	6 48.90	38 44 48.8	617	192	
541	8½	6 51.12	34 25 59.5	550	172	
542	9½	6 51.55	51 53 53.0	650	31	
	9	51.61	51.2	569	37	
	9½	51.71	51.8	256	29	
	9½	51.84	50.8	562	37	
543	9	6 52.40	37 10 21.1	615	185	
	9	52.49	22.6	227	124	
544	8½	6 52.93	48 44 10.1	622	165	
	8	53.08	9.7	618	179	
	8	53.10	10.8	618	177	
545	9	6 54.04	45 29 9.2	654	2	
546	7	6 55.13	25 5 19.3	153	23	
	7½	55.18	17.4	150	1	
	7	55.32	17.1	603	159	
547	8½	6 56.00	57 43 52.8	262	4	
548	8	6 56.37	49 12 50.8	618	178	
549	9	9 6 56.90	34 27 10.8	550	173	
550	9½	9 6 59.64	29 17 11.8	649	33	
551	9	6 59.76	40 35 16.2	629	127	
552	8	6 59.76	28 26 6.6	244	96	
	7	59.80	8.0	649	32	
553	10	7 0.10	57 0 51.3	647	27	
554	8	7 0.31	74 14 50.9	189†	43	
	8	0.48	50.1	184†	32	
	8	0.96	50.8	636	71	
555	9½	7 0.71	61 46 33.9	210	16	
556	9	7 2.26	39 49 23.5	634	128	
557	9	7 3.65	51 54 34.6	569	38	
	9½	3.68	38.7	256	30	
	9½	3.78	37.1	650	30	
	9½	3.90	36.8	562	38	
558	9	7 3.80	31 3 19.4	160	18	
559	8½	7 4.41	25 59 51.4	639	8	
560	9	7 4.52	51 7 24.1	650	29	
561	9½	7 5.27	55 58 55.4	253	45	
	9½	5.28	55.4	249	37	
	9	5.37	53.7	643	25	
	9	5.48	54.7	645	22	
562	8½	7 5.76	31 23 51.7	252	72	
	8½	5.81	53.5	651	1	
563	9	7 6.28	40 30 0.9	629	128	
564	8½	7 6.34	60 9 57.4	632	92	
565	9½	7 6.86	44 56 34.1	637	112	
566	6½	7 8.05	46 4 17.6	222	107	
	6½	8.06	20.0	655	1	
	6	8.06	20.4	654	4	
	6½	8.11	17.4	233	112	
	6	8.23	19.4	168	2	
567	9	7 9.18	57 1 8.7	647	26	
	9½	9.47	7.5	253	46	
568	9	7 9.48	43 12 1.0	627	171	
569	8	7 9.62	51 35 59.2	650	32	
570	9½	7 10.29	75 1 55.3	636	72	
571	9	7 12.58	52 12 17.0	562	36	
	9	12.67	18.8	256	28	
572	9½	7 13.26	55 56 7.2	643	26	
	10	13.27	8.0	249	38	
573	9	7 14.63	45 43 18.4	654	3	
574	9	7 15.71	24 33 9.0	150	2	
575	9½	7 17.46	59 42 5.4	241	106	
576	8½	7 18.28	46 22 26.3	655	2	
	8	18.36	25.8	233	113	
	8½	18.45	27.8	168	1	
577	8	7 18.37	34 27 34.6	550	174	
578	8	7 18.38	33 49 11.3	653	1	
579	9	7 18.44	38 35 6.8	617	194	
580	9½	7 19.29	43 7 4.4	625	167	
	9½	19.58	7.7	627	172	
581	9	7 21.42	43 40 41.8	627	173	
582	8	7 22.01	44 43 18.1	637	110	
583	9	7 23.02	31 1 0.5	651	3	
	8½	23.24	0.0	160	17	
584	9	7 23.72	35 41 20.7	612	179	
585	9½	7 24.37	41 49 13.3	620	176	
586	9½	7 25.20	25 6 42.3	153	24	
	9½	25.42	39.9	603	160	
587	9	7 25.39	43 32 43.7	627	174	
588	9	7 26.13	53 58 1.4	567	27	
	9	26.15	2.4	567	24	
589	9½	7 26.83	54 31 17.8	567	26	
	9½	27.09	19.2	249	39	
	9½	27.20	20.1	641	28	
590	8½	9 7 27.16	48 15 41.4	622	167	
	8½	27.23	40.4	622	166	
	8½	27.24	39.9	618	180	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
591	8½	9 7 27.71	35 10 10.8	612	180	
	8	27.83	12.4	268	5	
592	8½	7 27.73	36 51 43.6	268	4	
	9	27.87	43.1	615	188	
	9½	27.90	44.1	227	126	
593	9	7 28.79	33 6 36.4	550	175	
594	8½	7 29.52	57 9 14.2	647	28	
	8½	29.65	13.3	253	47	
595	9	7 33.16	42 4 46.2	620	177	
596	8½	7 33.67	33 35 48.0	653	2	
597	9½	7 35.26	66 1 32.5	216	136	
	9½	35.29	32.7	557	58	
	9½	35.34	33.1	187†	65	
598	8½	7 35.66	56 38 23.8	645	23	
	8½	35.80	24.2	647	30	
599	8	7 36.28	50 24 21.1	560	86	
600	9	7 36.54	38 25 37.0	617	195	
601	8	7 36.71	76 3 37.4	596	82	
	8	37.05	35.0	194†	97	
602	9	7 36.72	31 18 35.3	252	73	
	8½	36.81	36.2	651	2	
603	9	7 38.43	26 29 24.5	153	25	
	9	38.52	25.0	639	9	
604	7½	7 39.48	30 33 8.8	651	4	
	8	39.73	7.0	160	19	
605	8	7 40.66	59 21 32.7	552	83	
	8	40.82	33.8	241	104	
606	4	7 40.67	58 27 17.9	262	6	
	4	40.77	17.3	218	150	
607	8	7 42.49	28 51 50.1	649	34	
608	9	7 42.75	40 0 52.2	634	129	
	8½	42.96	53.5	629	133	
609	9	7 43.33	44 56 53.5	654	6	
	9	43.34	52.3	637	111	
	9	43.64	52.0	222	109	
610	9	7 43.59	53 35 48.0	564	34	
	8½	43.74	51.2	259	35	
	9	43.75	50.3	259	31	
611	9	7 44.92	30 23 16.8	651	5	
612	9	7 44.95	43 9 34.3	627	177	
	9	45.01	30.8	625	168	
613	7	7 45.65	45 20 4.3	654	5	
	7½	45.87	1.6	222	108	
	7	46.01	5.2	168	3	
614	9½	7 46.05	59 27 23.6	552	82	
	9½	46.21	23.3	241	103	
615	8½	7 46.30	57 49 7.0	218	149	
616	8	7 47.57	24 6 42.5	157	1	
	8	47.65	40.9	150	3	
	7½	47.82	37.9	230	155	
	7½	47.91	40.2	603	161	
617	9	7 47.77	42 26 15.0	625	171	
618	7	7 48.28	53 31 28.3	259	34	
	7	48.52	28.6	564	36	
619	9½	7 48.30	58 42 8.7	262	7	
620	8½	7 49.02	43 15 52.9	627	176	
621	9½	7 49.54	35 1 6.1	612	181	
622	8	7 50.03	64 58 49.0	216	135	
	8	50.08	48.2	187†	64	
	8	50.16	48.7	557	59	
623	8½	7 51.10	42 46 46.2	625	170	
624	6½	7 53.24	43 6 0.9	627	175	dpl. I. s. sq.
	6½	53.30	0.5	625	169	
625	9	7 55.12	41 0 59.1	629	130	
626	9½	7 55.77	40 36 5.0	629	131	
627	9½	7 56.97	60 18 17.2	241	108	
	9	57.06	16.0	632	95	
628	9	7 58.85	31 47 54.8	252	75	
629	9	9 7 59.66	29 43 11.4	649	36	
630	7	9 8 0.60	29 8 61.2	582	1	
	7	0.62	61.4	649	35	
	7½	0.64	57.5	244	97	
631	8	8 1.44	60 26 28.7	632	93	
	8	1.67	26.4	192†	33	
	8	1.78	28.3	241	107	
632	9½	8 3.97	52 8 52.8	562	39	
	9½	4.07	53.8	569	39	
633	8½	8 4.64	76 17 43.9	194†	98	
634	8	8 4.91	57 6 20.5	253	48	
	8	4.95	21.9	647	29	
635	9	8 5.85	31 19 12.9	252	74	
636	7	8 7.58	57 27 20.9	647	31	
	7	7.61	19.1	218	154	
	7	7.68	20.9	253	51	
637	9	8 7.77	55 6 7.8	641	29	
638	9	8 7.85	35 21 51.0	268	7	
639	10	8 9.42	54 31 4.7	249	40	
640	9½	8 9.87	45 7 4.4	637	113	
641	10	8 10.21	23 2 42.4	230	156	
642	8½	8 11.35	42 1 8.7	620	178	
	8½	11.52	9.3	625	172	
643	9	8 11.73	42 58 27.2	627	178	
644	8½	8 12.18	39 51 58.6	629	134	
	8½	12.24	57.3	634	130	
645	9	8 12.63	40 3 15.1	634	131	
	9	12.88	13.8	629	132	
646	9	8 12.97	33 16 12.7	550	176	
	8½	13.02	14.3	653	3	
647	8	8 13.19	53 26 56.0	259	36	
	8	13.24	55.3	564	35	
648	8½	8 14.44	24 23 18.8	150	4	
	8½	14.52	17.3	603	162	
	8½	14.58	17.6	157	2	
649	9½	8 15.18	60 13 8.5	241	109	
	9½	15.21	2.8	632	94	
650	9	8 16.97	39 2 48.4	617	198	
651	9	8 16.99	70 36 7.3	238	79	
652	9½	8 17.73	35 27 45.4	612	182	
	9	17.86	46.5	268	6	
653	9	8 18.06	45 27 42.3	654	7	
654	8	8 18.36	27 47 23.4	639	10	
655	9	8 18.55	57 13 53.7	253	49	
	9½	18.60	55.7	647	32	
656	9½	8 19.25	52 55 28.8	256	31	
	9	19.30	28.5	571	26	
	9	19.39	27.7	571	23	
657	9	8 20.10	31 53 18.9	252	76	
	8½	20.23	19.8	651	6	
658	9½	8 22.33	54 38 55.8	567	28	
	9½	22.45	56.5	249	41	
	9½	22.64	57.8	641	30	
659	8	8 22.83	27 34 29.8	639	12	
	8½	23.06	30.2	244	98	
660	9	8 23.45	36 20 16.3	268	9	
	9½	23.56	16.2	227	127	
661	10	8 24.62	51 40 3.3	650	33	
662	8½	8 25.95	39 20 25.2	634	132	
663	4	8 26.31	61 48 15.4	236	69	
	4	26.31	14.4	210	17	
	4½	26.36	15.4	192†	35	
	4½	26.55	15.1	192†	34	
664	9½	8 27.38	57 27 15.2	253	52	
	9½	27.45	16.8	647	34	
665	8½	8 27.63	58 10 24.1	262	9	
	8½	27.83	23.5	218	152	
666	9½	8 30.64	53 45 55.8	564	37	
667	7	9 8 30.69	38 6 1.0	617	196	
	7	30.72	1.5	615	189	

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		h m s	° ′ ″			
668	9½	9 8 31.90	30 35 0.7	160	20	
669	8	8 31.93	58 16 52.1	262	8	
	8	32.20	52.4	218	151	
670	9½	8 33.02	62 25 57.0	236	71	
671	9	8 33.24	68 9 1.5	238	78	
672	8½	8 33.47	41 59 58.3	620	179	
	8½	33.52	60.8	625	173	
673	9	8 33.54	36 46 11.8	227	128	
674	8½	8 33.90	33 24 41.2	653	4	
	9	34.01	38.3	550	177	
675	7	8 35.99	41 45 36.4	620	180	
676	9	8 36.83	53 11 11.5	256	34	
	9	37.08	11.1	571	24	
677	8½	8 37.38	48 39 47.4	622	169	
	8½	37.66	44.4	618	181	
678	9½	8 38.61	24 25 13.0	603	163	
679	9	8 39.40	44 32 33.6	637	114	
680	9½	8 42.90	42 57 22.4	627	179	
681	8½	8 43.23	46 31 13.4	655	3	
	9	43.24	12.9	233	114	
	8½	43.34	13.9	558	148	
	8½	43.44	14.4	168	6	
682	8½	8 43.27	53 8 49.3	571	25	
	8½	43.29	49.6	259	37	
	8½	43.33	48.4	256	32	
683	8	8 43.45	27 36 3.2	639	11	
	8½	43.51	3.2	244	99	
684	9½	8 43.71	56 0 56.5	643	27	
685	9	8 44.66	48 18 32.4	622	170	
	9	44.75	32.0	622	168	
	9	44.75	31.8	618	182	
686	8½	8 44.71	30 3 26.7	160	21	
687	8½	8 44.98	36 46 24.5	268	10	
	9	45.21	23.4	227	129	
688	8	8 45.71	59 47 19.0	552	84	
	8	45.74	19.7	241	105	
689	9½	8 47.62	37 1 22.6	615	190	
690	8½	8 47.81	26 52 59.5	582	2	
	9	47.86	59.9	153	26	
691	9½	8 49.64	64 6 2.7	557	60	
692	9	8 49.88	60 41 47.3	210	18	
693	8½	8 50.40	49 23 15.8	618	183	
	9	50.44	15.9	560	87	
694	8½	8 51.51	33 25 54.4	653	5	
	9	51.80	54.2	550	179	
695	8½	8 52.20	35 50 61.2	268	8	
	9	52.21	58.7	612	183	
696	9½	8 54.15	39 4 22.8	617	197	
697	9½	8 57.12	44 3 58.4	627	180	
	9½	57.21	57.7	637	115	
698	9½	8 58.13	31 50 33.9	252	79	
	9½	58.13	33.2	252	77	
699	9	8 59.40	33 23 44.2	550	178	
700	9½	8 59.77	66 20 54.1	187†	69	
701	9	8 59.77	54 12 45.2	567	30	
702	9	9 1.82	31 37 23.9	651	7	
703	9	9 3.53	54 24 12.0	567	29	
	9	3.69	11.5	641	31	
704	8½	9 3.53	41 47 32.1	620	181	
705	9	9 3.75	25 27 20.1	157	4	
	9	3.82	20.0	157	3	
	9	3.84	18.6	153	27	
706	10	9 5.02	23 20 48.3	230	158	
707	8	9 5.20	32 59 58.3	550	180	
	8	5.30	59.2	653	7	
	8	5.38	57.8	265	1	
708	8½	9 6.33	29 17 17.9	649	37	
709	8½	9 6.71	23 26 1.9	150	5	
	8½	6.86	1.2	230	157	
710	9½	9 9 7.16	39 42 15.7	634	133	
711	9	9 9 8.02	76 28 8.9	194†	99	
	9	8.14	10.5	596	83	
712	7	9 8.03	32 2 18.0	653	6	
	7	8.05	17.7	651	8	
	7	8.13	19.2	252	78	
713	9	9 8.84	31 46 37.0	252	80	
	9	8.97	38.5	651	9	
714	9½	9 9.85	65 19 27.0	216	137	
715	8½	9 10.69	51 28 57.3	569	40	
	9	11.07	56.0	650	34	
716	9	9 10.74	44 53 5.8	654	9	
717	9	9 11.14	55 17 28.1	641	32	
	9	11.28	26.6	643	28	
718	9	9 11.35	60 18 49.9	632	96	
719	6½	9 11.35	46 49 22.2	558	149	
	6½	11.37	20.7	655	4	
720	7½	9 14.79	48 34 38.0	622	171	
	7	14.98	38.2	618	184	
721	9	9 14.94	57 12 8.1	647	35	
	9	14.95	7.0	647	33	
	9	15.10	7.8	253	53	
	9	15.18	5.8	253	50	
722	8	9 15.08	52 59 22.2	256	33	
	7½	15.13	23.8	259	38	
	7½	15.13	21.4	571	27	
723	9	9 15.63	44 32 22.2	637	117	
724	9	9 16.46	27 28 52.4	639	13	
725	8½	9 17.07	51 39 55.3	569	41	
	8½	17.31	56.5	650	35	
726	9	9 17.45	40 8 59.7	629	135	
727	8	9 17.56	32 54 21.2	550	181	
	8	17.59	23.5	653	8	
	8	17.82	24.4	265	2	
728	9	9 17.60	45 40 18.5	654	8	
	9	17.65	15.4	222	110	
	9	17.71	16.5	222	111	
	9	17.79	17.8	168	4	
729	9	9 17.63	46 11 7.6	655	5	
	9½	17.76	4.5	168	5	
730	9½	9 17.99	27 27 43.8	639	14	
731	9	9 19.55	50 14 52.4	560	88	
732	9	9 20.43	51 33 43.3	569	42	
	9	20.53	46.2	650	36	
733	9	9 20.77	41 57 15.6	625	175	
	9	20.90	15.7	620	183	
734	9½	9 24.02	66 12 16.8	187†	67	
735	8½	9 25.20	38 0 43.3	615	191	
736	8	9 25.45	29 38 38.5	649	38	
	8½	25.63	36.8	160	22	
737	8½	9 25.67	41 57 1.9	625	174	
	8½	25.74	0.3	620	182	
738	9	9 25.95	39 50 48.2	634	134	
	9	26.22	46.4	629	136	
739	9	9 26.71	54 33 52.4	567	32	
	9	26.99	52.7	249	42	
740	8½	9 27.22	58 8 22.2	262	10	
	8½	27.35	19.8	218	153	
741	8	9 27.40	64 40 39.7	557	61	
	8½	27.49	41.9	187†	71	
742	7½	9 27.82	53 28 5.4	259	39	
	8	27.95	4.2	564	39	
743	8½	9 29.69	71 27 52.7	189†	45	n. pr.
	8½	29.98	51.9	636	73	
	9	30.17	53.3	184†	35	
744	8½	9 30.16	34 22 25.9	265	3	
745	8½	9 30.64	71 27 53.7	184†	34	s. sq.
746	9½	9 30.48	39 40 18.3	634	135	
747	9	9 30.84	56 55 51.4	647	36	
	9	30.89	49.3	253	54	
748	6½	9 9 32.03	43 37 45.7	627	181	

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		h m s	° ′ ″		
749	9	9 9 32.40	44 31 17.7	637	116
750	9½	9 33.48	46 37 4.0	233	115
751	9½	9 33.82	38 21 44.8	617	199
752	8½	9 33.97	49 42 25.2	618	186
753	8½	9 34.37	60 34 26.5	632	99
	8½	34.43	25.1	210	19
	8½	34.70	25.8	241	111
	9	34.77	21.9	192†	36
754	9	9 36.37	62 24 2.6	236	70
755	9	9 37.06	41 42 19.4	620	184
756	8½	9 37.32	33 9 51.4	550	182
757	8½	9 38.93	52 1 55.7	569	43
	8½	39.15	55.1	562	40
758	8½	9 39.01	37 11 41.6	268	12
	8½	39.10	41.0	227	130
	8½	39.17	41.6	615	192
759	6½	9 39.18	58 53 53.4	552	85
	6	39.20	53.7	262	11
760	9	9 39.71	41 39 7.4	620	185
761	8½	9 39.81	44 33 8.6	637	118
762	9	9 40.62	33 8 58.3	550	184
763	9	9 41.67	69 12 21.5	238	83
764	9	9 42.40	60 9 51.2	632	101
765	9	9 42.44	35 24 28.4	612	185
766	9½	9 42.67	55 17 51.7	641	34
	9½	42.75	49.6	643	30
767	8	9 42.86	35 26 36.4	612	184
768	9	9 43.87	55 20 15.3	643	29
	9	44.07	16.5	641	33
769	9	9 44.15	72 11 40.8	636	76
	9	44.21	40.1	189†	48
770	9	9 44.36	71 40 20.1	189†	46
	9	44.61	22.0	636	75
771	8	9 44.42	29 50 58.7	649	39
	8	44.47	57.6	651	10
	8	44.76	57.7	160	23
772	6	9 44.88	42 42 37.8	625	176
773	9½	9 45.60	24 0 38.2	603	164
774	7	9 46.03	32 32 56.4	653	9
775	7	9 46.44	60 24 4.9	210	21
	7	46.50	3.6	632	98
	7	46.50	3.8	241	110
	7	46.56	4.9	192†	37
776	8½	9 46.76	60 34 20.5	632	100
	8	46.79	18.4	241	112
	8½	46.80	20.8	210	20
	9	46.86	19.6	192†	38
777	9½	9 48.02	71 27 25.1	636	74
	9½	48.07	24.0	189†	44
778	9½	9 49.40	38 21 49.3	617	200
779	8	9 49.51	41 22 31.7	620	186
780	9	9 49.58	50 21 56.7	560	89
781	9	9 49.72	60 2 33.0	632	102
782	7½	9 50.70	48 57 49.8	618	185
	8	50.78	49.3	618	187
783	9	9 50.70	52 0 41.0	562	41
	9	50.88	42.5	569	44
784	9	9 50.93	33 56 43.3	550	185
785	7½	9 51.00	68 44 28.2	238	80
786	8	9 52.15	54 40 51.9	567	31
	8	52.29	54.4	259	42
	8	52.30	53.5	249	44
	8	52.31	56.1	641	35
787	9½	9 53.67	54 43 57.8	249	43
788	9	9 54.88	52 50 3.1	571	29
789	9	9 55.36	46 30 22.6	168	7
	9	55.45	23.7	558	151
	9	55.48	23.0	233	116
790	8½	9 9 56.49	50 5 29.9	560	90
791	8½	9 9 56.52	27 28 7.7	639	15
	8½	56.62	10.8	244	100
	8½	56.74	11.1	582	3
792	6½	9 58.08	37 4 59.7	268	11
	6½	58.09	60.8	615	193
	6½	58.23	60.7	227	131
793	9	9 58.30	60 9 4.5	632	97
794	9	9 58.52	43 25 33.3	627	182
795	8½	9 58.57	46 54 4.1	622	172
	8½	58.64	4.5	655	6
	9	58.78	4.4	168	9
	8½	58.87	3.3	558	150
796	9½	9 58.92	45 49 33.1	654	12
	9½	59.01	32.6	222	112
797	9½	9 59.08	53 45 4.7	564	38
798	9	9 59.89	52 56 8.1	256	36
	8½	59.90	6.0	571	28
799	9½	10 0.25	50 40 1.2	650	37
800	9	10 0.27	45 4 21.1	637	120
	9	0.33	20.6	654	10
801	7½	10 1.21	22 58 28.7	150	6
	7	1.30	28.0	230	159
802	8½	10 2.34	40 55 5.4	629	137
803	9	10 2.78	54 12 42.5	567	33
804	8	10 3.94	67 12 23.7	238	82
	8	4.14	19.5	187†	66
	8	4.14	22.2	557	63
805	7	10 4.85	42 56 53.5	625	177
	7	4.86	54.4	627	184
806	9½	10 7.17	46 31 39.1	168	8
	10	7.27	40.7	233	117
807	9	10 7.53	45 3 28.3	654	11
	9	7.54	29.0	637	119
808	10	10 7.87	55 51 37.8	253	56
809	9½	10 8.07	33 21 43.9	550	183
810	8½	10 8.91	55 1 23.1	641	37
	8½	9.11	21.3	249	47
811	9	10 9.16	55 53 39.3	253	55
812	9	10 9.87	27 54 34.0	582	4
	9½	10.10	33.4	639	17
813	9	10 10.28	39 36 29.5	634	137
814	8½	10 10.37	39 45 17.1	634	136
815	9	10 11.71	66 12 31.6	187†	68
816	8	10 13.32	59 39 55.6	552	86
817	9	10 13.50	47 17 44.7	622	173
818	9	10 13.64	45 41 39.7	222	114
819	7½	10 15.79	68 41 15.8	238	81
820	9	10 16.83	53 4 16.1	256	35
	9½	16.84	18.3	259	41
	9½	16.88	17.5	256	37
	9	16.94	17.4	571	30
821	9	10 17.65	55 4 21.3	641	38
822	9½	10 17.71	57 33 16.0	262	12
	9½	17.72	18.5	647	37
823	9	10 17.72	44 6 28.5	627	185
824	8	10 18.26	33 50 16.4	550	186
	8	18.37	15.9	653	12
	8	18.42	15.4	265	4
825	9½	10 18.96	54 32 5.8	249	45
826	8½	10 19.71	55 9 41.1	641	39
	8½	19.83	39.0	643	31
827	8½	10 22.18	65 12 41.6	557	62
	8½	22.28	40.8	187†	70
828	7	10 23.12	32 48 13.3	252	83
	7	23.19	11.4	653	10
829	9	10 23.62	74 48 29.4	636	77
830	10	10 24.04	35 35 16.8	612	186
831	8½	9 10 26.72	42 54 47.9	627	183
	9	26.88	48.8	625	178

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
832	8½	9 10 27.50	55 34 27.9	643	32
833	8	10 28.41	27 41 4.4	244	101
	8	28.58	4.0	582	5
834	9½	10 28.96	40 42 40.6	629	140
	9½	29.06	38.8	629	138
835	8	10 30.97	26 40 31.3	639	16
	7½	30.98	30.9	153	28
	7½	31.19	32.0	153	29
836	9	10 31.00	60 28 3.7	632	104
837	9	10 31.40	54 8 29.9	567	34
838	10	10 34.42	31 35 46.3	252	82
839	8½	10 35.21	60 42 26.0	192†	39
	8½	35.22	26.8	241	113
	8	35.33	26.0	210	22
840	6	10 35.45	55 3 7.9	249	48
	6	35.61	8.4	641	36
841	8	10 35.84	31 42 30.9	252	81
	8	35.89	33.7	651	11
842	9	10 37.07	45 50 58.7	655	7
	9	37.14	61.0	654	14
	9	37.15	57.6	233	118
	9	37.36	55.0	222	113
843	9½	10 37.26	28 46 22.3	649	41
844	9½	10 38.26	54 28 25.1	567	35
	9½	38.54	23.5	249	46
845	9½	10 39.38	34 55 47.7	550	188
846	5½	10 41.30	38 2 59.6	615	194
	5½	41.33	61.0	617	202
847	9½	10 42.18	60 49 31.1	210	24
848	7	10 43.10	45 2 9.1	637	121
	6½	43.15	10.7	654	13
	7	43.23	8.1	222	115
	7	43.29	9.3	168	11
849	8	10 44.37	28 21 60.3	649	42
	7½	44.40	58.0	244	102
	7½	44.59	58.4	582	6
850	8½	10 44.39	51 46 42.7	569	45
	9	44.59	40.0	650	39
851	9	10 44.66	49 26 28.1	560	91
852	9½	10 44.68	25 55 21.7	639	18
853	9	10 44.76	47 59 5.9	622	174
	8	44.98	5.8	163	1
854	5	10 45.01	36 53 34.8	268	14
	5	45.08	33.9	615	196
	5	45.10	36.2	227	133
855	9	10 45.25	36 42 47.1	268	15
	8½	45.44	45.3	227	132
856	9	10 45.26	52 45 24.5	571	33
	9½	45.36	24.9	256	40
	9	45.40	22.7	562	42
857	9½	10 45.61	51 45 27.9	569	46
858	9	10 45.80	34 54 55.4	612	187
	9	45.84	58.5	268	16
	9	45.98	54.8	550	187
859	9	10 46.22	38 46 19.0	617	201
860	10	10 46.30	76 0 23.4	194†	100
861	9	10 46.74	49 25 42.5	560	92
862	7½	10 49.62	60 45 42.0	192†	40
	9	49.63	42.2	210	23
863	9	10 51.24	53 7 38.0	256	38
	8½	51.29	37.0	259	40
	8½	51.37	38.9	571	31
864	9	10 51.98	52 10 6.6	650	41
	9	52.03	4.9	650	38
	9	52.05	4.0	562	43
865	9½	10 52.07	28 40 53.2	649	40
866	7	9 10 52.51	37 6 33.6	615	195
	7	52.67	32.8	268	13
	7	52.71	35.2	227	134
867	9	9 10 54.27	34 11 48.9	265	5
868	8½	10 54.74	63 40 48.0	236	72
	9	54.91	51.1	187†	74
869	9½	10 56.51	44 19 29.1	637	123
870	8½	10 56.55	33 19 9.8	653	11
871	8½	10 57.00	24 46 50.0	150	7
	8½	57.12	53.9	157	5
	8½	57.15	51.3	603	165
872	8½	10 57.33	56 43 15.7	645	24
	8½	57.45	15.9	647	38
873	7½	10 58.16	60 0 59.7	632	103
	8	58.22	59.3	241	116
874	9½	10 58.52	53 45 44.4	564	40
875	9	11 0.49	28 17 10.7	649	43
	8½	0.52	7.2	244	103
	8½	0.68	9.6	582	7
876	9	11 0.77	53 1 45.4	571	32
877	7½	11 0.82	60 23 29.3	241	114
	8	0.99	30.6	210	25
	8½	1.06	30.5	192†	41
	8	1.07	31.0	632	106
878	9½	11 3.09	51 6 27.1	650	40
879	7	11 4.59	55 7 18.2	249	49
	7	4.81	19.4	641	40
880	9½	11 7.24	77 48 50.0	596	85
881	9	11 8.94	44 24 16.6	637	122
882	9	11 9.07	63 9 59.5	236	75
883	9	11 10.81	40 38 56.7	629	141
	9	10.92	57.0	629	139
884	9½	11 11.30	42 29 32.6	625	179
885	8	11 11.84	52 47 58.9	571	35
	8	11.84	60.1	256	39
886	8½	11 11.88	29 36 28.2	160	24
887	8	11 11.91	46 57 45.3	622	176
	8	12.01	43.8	655	8
	8	12.09	42.0	558	152
	8½	12.18	43.7	168	10
888	9	11 12.13	45 29 41.5	654	15
	9½	12.15	42.3	168	12
889	9½	11 12.83	34 31 28.4	265	6
890	9½	11 12.83	60 26 36.1	632	105
	9½	12.85	32.3	241	115
891	8½	11 13.73	57 8 34.7	647	40
892	8½	11 15.17	59 26 49.4	552	87
893	9	11 16.51	71 39 7.5	189†	47
894	9	11 16.56	56 42 20.8	647	39
	9	16.61	21.9	645	25
895	8½	11 17.68	56 6 15.2	253	57
	9	17.76	18.1	643	37
896	9	11 18.16	55 32 48.9	643	33
897	8½	11 18.77	47 47 22.9	622	175
	8	19.02	21.5	163	2
898	9½	11 20.15	39 33 33.2	634	138
899	9	11 21.85	38 15 11.3	617	204
900	9	11 23.37	29 25 44.0	160	25
901	9	11 23.74	63 40 39.0	236	73
902	8½	11 25.35	74 41 1.3	636	78
903	8½	11 25.39	27 55 3.3	639	19
	8½	25.43	5.4	649	44
	8½	25.59	3.2	582	8
904	9	11 25.79	56 33 37.9	253	59
	9	25.92	40.8	645	26
905	9½	11 26.33	41 51 58.9	620	187
906	9	11 26.62	32 59 19.9	252	84
	9	26.75	21.2	653	13
907	9	11 26.63	59 51 58.4	632	107
	9	27.00	58.4	241	117
908	8½	9 11 27.29	37 3 45.0	615	197
	9	27.32	44.9	227	135

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
909	8½	9 11 28.47	43 9 10.2	627	186	
	8½	28.50	8.7	625	180	
910	6½	11 29.50	44 22 40.8	637	124	
911	9½	11 30.25	59 23 47.3	552	88	
912	9	11 31.21	38 8 23.9	615	198	
	9	31.31	23.0	617	203	
913	8	11 31.22	63 10 37.5	236	76	
914	9	11 31.29	43 1 43.9	627	187	
	9	31.55	46.0	625	183	
915	9	11 32.41	55 2 6.2	249	50	
916	9	11 33.07	59 17 17.3	552	89	
	8½	33.40	20.9	241	118	
917	9	11 33.27	60 59 15.3	210	26	
918	8½	11 36.19	57 9 42.3	647	42	
919	9	11 36.53	30 58 54.2	651	12	
920	9	11 37.59	35 14 28.9	612	189	
921	9	11 37.60	35 3 23.3	550	189	
	9	37.62	21.8	265	7	
	9½	37.68	20.9	612	188	
	9	37.73	23.4	550	192	
922	9½	11 38.57	58 20 13.1	262	13	
923	8½	11 39.73	73 12 22.6	636	79	
924	7½	11 41.36	49 27 8.3	618	188	
	7½	41.46	8.7	560	93	
925	9	11 42.29	43 3 22.5	627	190	
	9	42.34	19.0	625	181	
926	9	11 43.94	48 9 56.7	171	1	
927	9½	11 44.23	52 14 31.5	562	44	
928	9½	11 44.59	35 1 49.8	550	190	
929	9	11 44.95	46 45 16.5	168	14	
930	6	11 45.94	43 44 39.5	627	188	orange
931	9	11 45.99	52 56 26.0	571	34	
	9½	46.09	30.1	256	42	
932	9½	11 46.44	44 27 21.9	637	125	
933	8½	11 46.46	54 26 43.3	567	37	
	8½	46.50	46.0	641	43	
	8½	46.58	44.7	259	43	n. pr.
934	9½	11 46.65	31 50 41.1	651	14	
935	9	11 47.26	54 27 9.7	567	36	s. sq.
	9½	47.32	9.1	259	44	
	9½	47.48	11.9	641	44	
936	9½	11 47.69	57 52 59.0	262	15	
937	9	11 47.77	50 49 20.8	560	96	
	9	47.83	19.6	650	42	
	9	47.83	20.0	569	49	
	9	47.90	20.0	560	94	
938	9	11 48.08	23 59 25.8	603	166	
939	9½	11 48.53	56 4 58.7	253	58	
	9	48.59	59.2	643	36	
940	2	11 49.10	69 12 7.7	238	84	β Carinae
941	8½	11 49.59	52 57 43.2	256	41	
	8½	49.69	42.2	571	36	
942	9	11 51.63	41 45 4.5	620	188	
943	7½	11 52.07	55 44 27.9	249	53	
	8	52.08	27.0	643	35	
944	7	11 52.33	57 52 3.4	262	14	
945	9	11 53.48	58 18 12.9	262	17	
946	9½	11 54.19	46 56 52.1	622	177	
	9½	54.52	49.5	558	153	
947	9	11 54.62	55 32 49.0	643	34	
948	9½	11 54.72	56 28 2.9	253	61	
949	9½	11 54.95	65 38 51.7	557	64	
950	7½	11 55.49	64 32 3.6	557	65	
	8	55.57	3.8	187†	75	
	8	55.65	2.0	187†	72	
951	9	11 57.84	54 0 9.5	259	48	
	8½	58.02	8.6	567	41	
952	9½	11 58.56	27 2 25.3	639	20	
953	8½	9 12 0.22	63 38 0.1	236	74	
	9	0.27	1.5	187†	73	
954	8½	9 12 0.45	40 59 46.5	629	142	
955	9½	12 0.47	52 52 2.2	571	37	
	9½	0.61	2.2	571	38	
956	8½	12 0.69	49 4 13.1	171	3	
	9	0.82	11.4	618	189	
957	9	12 2.18	44 33 25.6	637	127	
958	10	12 2.31	53 30 23.5	564	41	
959	9½	12 2.34	54 22 4.6	567	38	
	9½	2.35	2.8	641	45	
	9½	2.68	5.1	259	45	
960	9½	12 2.36	77 0 0.2	596	84	
961	9	12 3.00	34 55 48.4	268	17	
	9	3.13	47.8	550	191	
962	9	12 3.04	43 54 47.2	627	189	
963	5½	12 3.24	38 52 40.2	634	139	
964	8	12 3.28	72 16 40.3	189†	49	
	8½	3.44	41.2	184†	37	
965	7	12 3.54	57 3 24.1	647	41	
966	9	12 4.08	51 43 44.3	569	47	
967	7	12 4.48	39 35 41.9	634	140	
968	9	12 4.83	40 57 43.4	629	143	
969	9	12 9.01	41 26 0.8	620	189	
970	9	12 9.08	65 21 14.4	187†	76	
971	8½	12 9.11	32 6 43.5	252	86	
	8½	9.20	44.9	653	15	
972	9	12 9.79	24 50 28.3	157	6	
	9	10.00	26.6	603	167	
973	9½	12 11.27	38 5 34.7	615	200	
974	9	12 11.85	58 21 24.3	262	18	
975	8½	12 13.04	32 0 26.2	252	85	
	8	13.10	26.4	651	13	
	8	13.13	25.8	653	14	
976	9½	12 13.12	59 52 52.4	632	108	
977	8	12 14.18	40 47 49.2	629	144	
978	10	12 16.84	72 9 24.9	189†	50	
979	8½	12 16.87	52 3 14.6	562	46	
	8½	17.00	14.9	569	52	
980	8	12 17.30	55 2 14.2	641	42	
	8	17.37	13.8	249	51	
981	8½	12 17.78	28 53 30.4	244	104	
	8½	17.82	33.2	649	45	
	8½	18.05	33.3	160	26	
982	9	12 18.26	38 17 26.9	617	205	
983	9½	12 18.85	27 0 14.4	639	21	
984	9½	12 18.91	24 54 16.9	603	168	
985	8½	12 19.92	27 20 28.4	639	22	
	8½	20.06	29.0	582	9	
986	9	12 20.49	51 3 48.6	569	48	
	9	20.52	48.0	569	50	
	9	20.64	49.4	650	43	
987	8½	12 22.42	28 36 42.1	244	105	
988	9	12 22.61	38 1 15.6	617	208	
	9	22.67	13.1	615	199	
989	7	12 23.60	44 29 20.9	637	126	
990	9	12 24.32	52 0 22.9	569	53	
	9	24.39	20.8	562	45	
991	7½	12 24.42	49 3 21.4	618	190	
	7½	24.47	21.7	171	2	
992	9	12 25.06	46 40 62.7	655	9	
	9	25.16	59.9	233	119	
	9½	25.16	64.5	558	154	
	9	25.27	60.8	168	13	
993	9½	12 25.43	38 13 36.1	617	206	
994	8½	12 26.35	56 30 15.5	253	60	
	8½	26.40	16.1	645	27	
995	9	12 28.35	57 3 5.1	647	45	
996	9½	12 28.41	43 4 30.9	625	182	
997	7½	12 28.76	68 23 50.0	238	85	
998	9	9 12 29.16	27 15 40.9	639	23	
	9½	29.17	40.9	582	10	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
999	9	9 12 30.87	75 9 30.6	173	2
	10	30.91	32.7	194†	101
1000	9½	12 31.66	53 22 21.8	564	42
	9½	31.67	19.7	256	43
1001	9½	12 32.94	33 4 54.3	550	193
	9	32.98	56.4	653	17
1002	9½	12 33.86	38 5 19.2	615	201
	9½	34.06	18.0	617	209
1003	9	12 34.37	43 6 19.6	625	184
1004	8½	12 35.83	74 20 23.8	184†	39
	8½	36.22	27.0	189†	53
1005	9	12 38.47	42 52 29.9	627	191
	9	38.64	30.4	625	186
1006	8	12 38.91	54 10 54.3	567	40
	8	39.00	55.3	259	47
1007	10	12 39.62	56 10 7.6	253	63
1008	8½	12 40.30	26 45 27.5	153	30
1009	4½	12 40.34	57 1 6.9	647	43
	5	40.52	5.6	253	64
1010	8	12 41.20	35 9 59.7	268	18
	8	41.21	57.9	612	190
	7½	41.26	58.5	265	8
1011	8½	12 42.18	55 7 24.7	249	52
	8½	42.30	28.5	641	46
	8½	42.41	25.6	641	41
1012	9	12 42.42	41 17 23.2	620	190
1013	8½	12 43.08	30 52 46.3	651	15
	8½	43.34	46.3	160	27
1014	9½	12 43.10	39 58 11.5	634	141
1015	8	12 43.39	53 21 20.5	259	50
	8½	43.57	21.7	256	44
	8	43.88	20.8	564	43
1016	8	12 45.12	71 5 54.1	636	81
	8	45.44	53.5	184†	36
1017	9	12 45.15	45 45 5.8	654	16
	9	45.41	4.7	222	116
1018	8	12 45.64	53 25 42.9	259	49
	8½	45.83	40.3	564	44
	8½	45.87	41.4	256	45
1019	9	12 45.80	33 14 51.9	653	16
1020	8	12 46.73	47 12 43.2	622	178
	8	46.84	44.2	655	10
	7½	46.90	44.2	558	155
	8	47.05	43.0	163	3
	8½	47.18	42.3	168	15
1021	8½	12 46.95	34 50 12.1	612	191
	8½	47.07	14.5	268	19
	8½	47.13	11.8	265	9
1022	9½	12 48.63	73 28 40.5	189†	51
	9½	48.85	42.7	636	80
	9½	48.89	39.8	184†	38
1023	9	12 48.84	25 15 17.5	153	31
1024	9	12 49.95	38 7 48.6	617	207
	9	50.04	47.7	615	202
1025	8	12 50.53	54 7 58.1	567	39
	8	50.60	59.0	259	46
1026	9	12 51.59	52 5 3.1	569	54
	9	51.60	3.0	562	47
1027	9½	12 51.73	60 7 54.3	632	109
1028	9½	12 51.94	43 10 9.6	627	192
	9½	52.06	9.7	625	185
1029	8	12 53.16	67 45 48.1	238	86
1030	9½	12 53.20	56 58 31.3	253	65
	9½	53.40	31.4	647	44
1031	9½	12 53.30	31 50 51.3	252	89
1032	8	12 53.38	50 54 53.8	569	51
	7½	53.55	54.5	650	44
	7½	53.67	54.6	560	95
1033	9½	9 12 53.76	58 15 55.9	262	16
1034	8½	9 12 54.15	40 29 12.7	629	145
1035	7½	12 57.11	36 52 28.5	615	203
	7½	57.39	29.1	227	136
1036	9½	12 57.51	58 42 42.5	262	19
1037	9½	13 2.43	52 28 0.3	562	48
1038	9½	13 2.44	32 2 35.2	252	87
1039	9	13 3.45	58 33 38.8	262	21
1040	9	13 3.71	33 19 1.7	653	18
	9	3.72	1.8	550	195
1041	8½	13 5.20	60 38 25.0	241	120
	9	5.28	26.0	192†	43
1042	8½	13 6.12	56 13 36.1	645	29
	8½	6.31	35.3	253	62
1043	9½	13 6.14	39 48 31.9	634	142
1044	9	13 7.19	28 53 1.3	649	46
1045	9½	13 7.40	31 57 35.5	252	88
1046	9½	13 7.66	67 33 52.5	238	90
	9½	7.69	49.7	238	88
1047	8	13 7.73	55 58 42.7	249	54
	8½	7.96	44.0	645	28
	8	7.99	40.9	643	38
1048	9	13 9.35	30 49 12.7	651	16
	9	9.40	13.7	160	28
1049	9½	13 10.53	31 24 44.7	651	17
1050	9	13 12.78	29 0 32.4	649	48
1051	8	13 14.08	23 55 53.6	150	8
	8½	14.14	53.9	603	169
	8	14.17	56.3	157	7
1052	9	13 14.50	44 57 50.3	654	17
	9	14.52	52.3	654	20
	9½	14.70	50.0	637	128
	9½	14.71	50.9	222	117
1053	9	13 14.73	40 58 40.4	629	146
	9	14.97	42.0	620	191
1054	8	13 15.00	60 39 12.9	241	119
	9	15.50	10.5	192†	42
1055	9	13 15.51	28 49 29.0	649	47
1056	9	13 19.09	58 57 49.4	552	93
	9	19.23	49.5	241	122
1057	9	13 21.02	67 35 5.7	238	91
	9	21.10	5.2	238	87
1058	9	13 21.18	28 10 9.7	639	25
1059	9½	13 21.70	45 6 4.1	222	119
	9	21.76	3.2	168	17
	9	21.81	6.5	654	19
1060	9½	13 22.04	50 26 2.4	560	97
1061	9	13 22.48	35 12 20.0	268	20
	8½	22.61	19.3	612	192
1062	9	13 22.76	48 47 20.9	171	4
1063	9	13 22.96	47 49 21.8	622	179
	9	23.10	20.8	163	4
1064	9½	13 24.25	58 37 52.9	262	22
1065	9	13 26.96	35 27 37.0	268	21
1066	6½	13 26.96	76 8 32.6	596	88
	6½	27.07	33.5	194†	103
	7	27.39	30.9	173	1
1067	7½	13 27.01	45 6 39.3	222	118
	7½	27.08	39.1	168	16
	7½	27.12	40.0	654	18
1068	9	13 27.02	39 27 42.9	634	143
1069	8½	13 27.77	33 5 21.9	550	194
	8½	27.81	24.1	653	19
1070	9	13 28.89	60 4 58.6	632	110
1071	9	13 30.06	55 32 12.4	643	39
1072	9	13 30.36	44 14 5.8	637	129
1073	9½	13 30.70	33 34 8.5	265	11
1074	9½	13 30.79	52 18 50.0	562	49
	9½	30.85	52.8	256	46
1075	9½	9 13 31.65	48 35 11.3	622	180

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1076	9	9 13 32.58	59 45 30.9	632	111	
1077	7½	13 33.26	33 34 11.5	265	10	
1078	9½	13 34.26	25 45 37.1	153	33	
1079	8½	13 35.15	25 44 25.6	157	8	
	8½	35.33	25.8	153	32	
1080	9½	13 38.02	49 22 51.0	560	99	
1081	9	13 38.32	57 17 22.5	647	46	
	9	38.49	22.8	253	66	
1082	9½	13 38.96	76 6 42.1	173	3	
	10	39.25	42.3	596	87	
1083	9½	13 39.07	49 22 46.2	618	191	
1084	9½	13 39.20	56 32 48.0	645	30	
1085	9	13 40.29	44 28 24.9	637	131	
1086	9	13 40.65	53 59 38.8	567	42	
	9	40.96	39.4	259	51	
	9	41.14	38.8	564	46	
1087	9	13 42.57	62 9 18.8	210	30	
1088	9	13 43.17	32 53 12.0	265	12	
1089	9	13 44.72	27 36 47.1	639	24	
	9	44.76	48.2	582	11	
	9	44.84	48.1	244	106	
1090	8½	13 44.77	36 52 56.5	268	22	
	9	44.99	56.5	227	137	
1091	3	13 44.83	58 45 3.3	262	20	
1092	9½	13 44.87	66 54 25.7	238	89	
1093	9	13 44.88	36 52 56.4	615	204	
1094	9	13 45.80	42 50 21.7	627	193	
	9	45.98	20.5	625	187	
1095	7½	13 48.68	55 24 39.8	249	55	
	7½	48.92	38.6	643	40	
1096	9	13 48.71	51 27 9.7	650	45	
1097	9½	13 48.95	52 13 6.2	256	47	
	9½	49.07	6.1	562	50	
1098	8½	13 49.88	40 33 51.8	629	147	
1099	9	13 49.88	59 24 31.4	552	90	
1100	9½	13 49.92	59 22 6.2	552	91	
1101	9½	13 50.39	55 6 38.3	641	47	
1102	7	13 50.92	53 58 13.6	259	52	
	7	51.09	10.9	567	43	
	7	51.16	12.0	564	45	
1103	9	13 51.20	58 32 6.2	262	23	
1104	9	13 52.63	42 52 48.7	627	194	
	9	52.75	48.2	625	188	
1105	9	13 53.27	44 28 52.4	637	133	
1106	9½	13 54.19	46 39 20.1	655	11	
	9½	54.26	17.0	233	120	
	9½	54.34	20.1	558	156	
1107	9	13 54.41	39 13 54.7	634	145	
1108	9	13 55.44	34 0 4.7	550	196	
	8½	55.59	9.3	653	21	
1109	6	13 56.47	50 31 31.9	560	98	
1110	8½	13 58.21	38 54 26.0	617	210	
	8½	58.24	25.3	634	144	
1111	8½	13 58.30	44 5 25.2	627	196	
	8½	58.37	21.8	637	130	
1112	9½	13 59.52	40 39 19.2	629	149	
1113	9	13 59.93	45 0 31.8	168	18	
	9	59.97	34.6	654	21	
	9	60.12	31.8	222	120	
1114	9	14 0.38	61 54 54.3	236	77	
	9	0.77	55.1	210	28	
1115	9	14 1.51	36 6 18.4	612	193	
1116	9	14 3.06	29 15 11.0	649	49	
	9	3.09	13.0	649	51	
	9	3.10	12.3	160	30	
1117	9	14 3.40	31 41 43.1	252	90	
	8½	3.46	45.9	651	18	
1118	9	14 3.93	61 47 54.1	210	27	
1119	8½	9 14 4.17	78 50 26.9	194†	105	
	8	4.65	25.3	596	86	
1120	8½	9 14 4.34	29 11 34.3	582	12	
	9	4.60	33.1	160	29	
1121	8½	14 6.00	40 39 17.7	629	148	
1122	9	14 6.57	49 23 42.7	560	100	
	9	6.71	41.7	618	192	
1123	9½	14 8.13	44 55 59.7	654	22	
1124	8½	14 9.34	59 4 7.3	552	92	
	9	9.41	7.9	241	123	
	9	9.49	8.3	241	121	
1125	9	14 10.25	52 27 16.5	562	51	
1126	9½	14 10.55	31 6 25.5	252	92	
1127	9½	14 11.85	61 54 54.2	236	78	
	9	11.97	55.3	210	29	
1128	9	14 12.00	26 52 57.7	582	13	
1129	8½	14 12.32	51 10 15.9	650	46	
1130	9½	14 14.15	39 12 23.2	634	146	
1131	9	14 14.60	43 30 51.6	627	195	
1132	9½	14 14.60	73 38 20.5	189†	52	
	9½	14.82	23.3	636	84	
1133	9	14 14.95	52 0 16.2	569	55	
1134	9½	14 14.95	51 44 33.6	569	57	
1135	9½	14 15.63	29 21 11.9	649	50	
1136	7½	14 15.99	44 28 52.9	637	132	
1137	8	14 16.32	40 56 26.8	620	192	
	8	16.43	26.7	629	151	
1138	8½	14 16.40	75 4 6.9	596	90	
	8	16.50	6.9	194†	102	
	8	16.52	8.8	636	85	
	8	16.57	7.3	189†	55	
1139	8	14 19.84	46 40 40.8	655	12	
	8	19.93	41.1	168	20	
	7½	19.94	39.1	233	121	
	8	19.99	41.4	558	157	
1140	9	14 19.99	25 7 52.5	603	172	
	9	20.28	52.5	157	9	
1141	8	14 20.81	32 24 19.3	653	20	
1142	9	14 21.22	38 20 16.2	617	211	
1143	8½	14 22.25	74 19 29.7	189†	54	
	8	22.64	29.8	184†	40	
1144	9	14 22.26	50 4 21.9	560	102	
1145	9	14 23.86	40 35 38.9	629	150	
1146	9	14 26.50	62 23 28.9	236	79	
1147	10	14 27.68	66 36 24.9	557	67	
1148	8½	14 29.61	43 56 3.2	637	134	
1149	8	14 30.97	27 14 54.6	639	26	n. pr.
	8	31.04	55.2	582	14	
	8½	31.13	55.0	244	107	
1150	8½	14 31.04	52 48 41.6	571	39	
	9	31.06	41.2	256	48	
1151	8½	14 31.12	24 43 12.9	603	170	
1152	8	14 31.75	54 17 58.8	259	53	
	8½	31.83	55.6	567	44	
1153	8½	14 31.89	25 2 38.3	157	10	
	9	31.94	37.1	603	171	
1154	9	14 32.05	27 14 56.9	639	27	s. sq.
1155	9	14 32.07	54 53 14.6	249	56	
	9	32.35	15.0	641	48	
1156	10	14 32.40	39 49 37.2	634	147	
	9½	32.67	33.0	629	153	
1157	8½	14 32.87	27 3 55.4	244	108	
	8½	32.95	56.4	639	28	
	9	32.96	53.2	153	34	
	8½	32.99	54.1	582	15	
1158	6½	14 34.61	51 2 1.7	569	58	
	6½	34.85	2.0	650	47	
1159	9	14 35.75	31 9 55.8	252	91	
1160	7	14 36.99	33 34 30.1	653	22	
	7	37.06	29.1	550	197	
	7	37.24	30.3	265	13	
1161	8½	9 14 37.31	49 16 9.2	618	194	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1162	8½	9 14 37.57	26 19 31.5	639	29	
	8½	37.62	28.4	153	35	
1163	8½	14 37.80	37 37 6.1	615	205	
1164	9½	14 38.32	57 15 31.7	253	67	
1165	9	14 38.61	49 19 0.1	618	193	
1166	8	14 38.64	46 6 49.8	655	13	
	8	38.66	49.0	233	122	
	8½	38.67	51.7	222	121	
	8	38.71	50.9	654	23	
	8	38.79	50.2	168	19	
1167	8	14 38.68	22 57 4.0	150	9	
1168	7½	14 38.73	47 26 50.9	622	181	
	7½	38.81	50.6	163	5	
1169	9	14 38.76	39 56 43.5	629	152	
	9	38.79	47.1	634	148	
1170	9	14 40.41	58 45 52.9	262	24	
1171	9½	14 40.93	40 2 4.9	634	149	
	9	41.01	4.9	629	154	
1172	9	14 41.45	57 34 37.7	647	47	
1173	8½	14 41.67	25 5 58.8	603	173	
	8½	41.74	60.3	157	11	
1174	9½	14 42.18	47 53 14.7	622	182	
1175	9	14 43.59	42 41 31.8	625	189	
1176	9½	14 44.93	54 47 27.3	641	49	
1177	8½	14 45.24	22 53 26.4	150	10	
1178	9	14 46.86	62 51 46.5	236	80	
1179	9	14 47.41	41 15 48.6	620	193	
1180	9	14 47.53	36 34 19.1	268	23	
	9	47.71	19.6	227	140	
1181	8½	14 47.72	71 39 55.4	636	82	
1182	8½	14 47.75	49 32 38.3	618	195	
	9	47.91	38.0	560	101	
1183	8½	14 47.86	32 9 9.2	653	23	
1184	9	14 48.14	50 2 25.5	560	103	
1185	9	14 48.66	28 43 50.5	649	53	
1186	7½	14 49.41	56 44 48.3	253	68	
	7½	49.41	48.0	647	48	
	7½	49.48	49.4	645	32	
1187	9	14 49.57	52 23 53.1	562	53	
	9	49.74	52.0	562	52	
1188	8½	14 49.83	53 5 4.7	571	40	
	8½	49.96	2.9	256	49	
1189	9	14 50.40	41 8 56.4	620	194	
1190	9½	14 50.61	56 38 28.1	253	69	
	9	50.63	30.6	647	49	
	9	50.71	28.7	645	31	
1191	7	14 50.69	34 58 19.6	268	24	
	7½	50.77	19.2	265	14	
	7½	50.88	20.1	550	199	
1192	8½	14 54.28	71 39 12.0	636	83	
1193	9	14 54.78	51 48 17.6	650	48	
	8½	54.92	16.8	569	56	
1194	9	14 54.83	56 1 11.6	643	41	
1195	9	14 55.61	74 35 38.1	636	86	
1196	9	14 56.84	61 18 3.2	210	31	
	9	56.97	1.4	192†	44	
1197	9	14 57.96	32 9 55.0	653	24	
1198	9	14 58.55	48 27 4.2	171	5	
1199	9	15 1.91	36 2 10.3	227	138	
1200	8	15 2.03	59 7 11.5	552	94	
	8	2.30	11.0	241	124	
1201	7½	15 2.05	28 35 49.7	649	52	
	7½	2.13	47.0	582	16	
1202	9	15 2.37	43 46 43.8	627	197	
1203	8½	15 2.43	31 31 30.6	651	19	
1204	9½	15 2.72	43 40 25.0	627	198	
1205	9	15 2.89	38 57 1.4	617	212	
1206	8½	9 15 3.38	74 46 11.8	189†	56	
	9	3.79	11.5	184†	43	
	9	4.08	12.7	596	89	
1207	9½	9 15 4.20	45 9 7.2	654	24	
	9½	4.32	7.2	637	135	
1208	9½	15 4.80	65 59 1.6	187†	78	
1209	9	15 5.48	34 14 48.3	550	198	
	9	5.62	47.4	550	200	
1210	8½	15 6.11	61 9 8.1	210	32	
	8½	6.46	7.2	192†	45	
1211	9	15 6.22	39 38 29.6	634	151	
1212	9½	15 6.90	53 14 7.8	256	51	
	9	7.03	9.1	571	41	
	9	7.04	7.2	564	47	
1213	9	15 9.65	45 15 22.9	654	25	
1214	8½	15 10.00	36 25 31.2	268	25	
	8	10.08	30.2	227	139	
1215	10	15 10.84	67 38 47.4	238	92	
1216	9	15 11.46	41 28 17.2	620	195	
1217	8½	15 11.58	29 22 50.2	649	55	
	8½	11.63	47.2	160	32	
	8½	11.69	47.3	160	31	
1218	7	15 12.05	67 9 0.5	557	66	
1219	8	15 12.15	55 31 53.7	249	57	
	8	12.52	52.4	643	42	
1220	9	15 12.18	41 33 37.2	620	196	
1221	8	15 12.56	67 8 58.5	187†	83	
1222	9	15 12.84	60 45 45.9	192†	46	
1223	9	15 13.09	31 16 29.2	651	20	
	9	13.09	25.5	252	93	
1224	9	15 13.20	66 1 50.2	187†	77	
	9½	13.80	51.4	557	70	
1225	8½	15 14.43	23 34 7.6	150	11	
1226	9	15 14.51	36 50 19.7	615	206	
1227	9½	15 17.68	29 17 52.2	649	56	
1228	8	15 18.08	28 41 27.5	649	54	
	8	18.25	25.2	582	17	
1229	8½	15 18.63	47 5 33.7	622	183	
	8½	18.74	32.6	163	6	
	9	18.76	35.5	655	14	
	9	18.94	36.2	558	158	
1230	9	15 21.25	60 31 26.6	632	113	
	8½	21.26	27.9	241	125	
	9	21.62	26.3	192†	48	
1231	9	15 21.81	40 8 52.3	629	156	
1232	9	15 22.43	59 47 56.2	632	112	
1233	8½	15 22.75	36 48 34.0	615	207	
1234	8	15 22.75	28 16 27.3	244	109	
1235	9	15 24.18	27 23 27.4	639	30	
1236	9	15 25.59	30 11 17.2	651	22	
1237	9½	15 25.90	40 2 54.1	634	150	
	9	26.06	52.7	629	155	
1238	7	15 26.69	31 13 50.2	252	94	dpl. I. s. pr.
	7	26.92	52.6	651	21	
1239	9½	15 27.41	59 46 58.8	632	115	
1240	7½	15 27.80	55 50 16.9	249	58	
	7½	27.84	18.0	253	71	
	7	27.86	15.7	643	43	
1241	7	15 28.56	37 3 3.9	615	208	
	7½	28.73	5.9	227	141	
1242	8	15 29.31	42 52 7.8	625	190	
1243	9½	15 31.77	66 9 53.8	557	69	
	8½	32.01	50.1	187†	79	
1244	7½	15 32.35	46 25 19.0	655	15	
	7½	32.40	19.9	558	159	
	7½	32.41	16.8	233	124	
	8½	32.56	17.0	168	21	
1245	9½	15 32.48	54 34 60.1	641	50	
	9½	32.58	57.0	567	47	
	9½	32.58	60.6	249	60	
	10	32.63	59.6	259	55	
1246	6	9 15 32.62	68 9 45.3	238	94	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
1247	8½	9 15 32.98	60 27 3.7	241	126
	8½	33.01	3.8	210	35
	8½	33.04	3.9	632	117
	8½	33.08	0.2	632	114
	9	33.33	3.4	192†	47
1248	9	15 33.39	46 14 25.9	655	16
	9	33.48	23.6	233	123
	9	33.52	25.2	168	22
1249	9	15 35.44	42 52 39.4	625	191
1250	7½	15 36.10	53 51 24.1	567	45
	8	36.11	25.0	564	49
	8	36.15	25.9	259	58
	8½	36.21	26.4	259	54
1251	9	15 37.20	77 42 19.6	194†	104
	8½	37.30	19.7	173	4
1252	7	15 39.17	44 38 37.6	637	136
1253	9	15 40.66	36 17 38.4	268	26
1254	8½	15 42.13	53 12 6.1	564	48
	8½	42.16	5.7	571	46
	9	42.21	6.9	256	50
	8½	42.27	5.2	571	42
1255	9	15 42.20	39 22 14.3	634	152
1256	7	15 42.37	66 31 24.8	187†	80
	6½	42.65	26.4	557	68
1257	9	15 42.90	45 48 26.4	654	26
1258	9½	15 43.20	52 37 16.2	256	53
	9½	43.22	17.2	571	43
	9½	43.22	15.5	562	56
1259	7	15 43.23	54 39 28.3	249	59
	7	43.27	27.2	567	46
	7	43.44	29.2	641	51
	7	43.53	27.2	259	56
1260	8½	15 44.12	42 30 16.1	625	192
1261	9	15 44.13	50 1 5.1	560	104
1262	9	15 44.42	41 50 51.2	620	197
1263	9	15 44.53	33 7 14.8	653	25
	9	44.65	15.1	265	15
1264	9	15 46.07	46 27 56.9	233	125
	9	46.38	59.0	168	23
1265	8	15 49.68	64 54 13.9	557	71
1266	8	15 50.20	24 16 55.3	157	12
	8	50.26	55.0	603	174
	8	50.32	54.5	150	12
1267	8½	15 53.29	54 13 16.2	567	48
	9	53.38	17.5	259	57
1268	9	15 53.59	31 44 58.2	252	95
	9	53.89	62.3	651	24
1269	9½	15 53.81	34 31 14.3	265	16
1270	7½	15 54.02	58 24 0.0	262	25
1271	8½	15 54.12	43 45 12.5	627	199
1272	9	15 55.33	41 38 55.4	620	198
1273	9	15 55.78	43 23 12.8	627	200
1274	9½	15 57.12	52 36 24.7	562	55
	9½	57.39	26.9	571	44
1275	9½	15 57.37	38 12 34.9	617	214
1276	10	15 57.50	42 31 41.7	625	194
1277	5	15 57.68	25 26 3.6	157	13
	5½	57.80	4.1	153	36
1278	8½	15 57.99	40 49 14.4	629	157
1279	10	15 59.40	27 19 16.2	639	32
1280	8	16 1.41	48 59 42.9	171	6
1281	8	16 2.88	34 49 34.1	550	201
	9½	2.95	36.7	268	29
1282	8	16 3.15	27 16 35.0	639	31
	8	3.32	35.2	582	19
1283	10	16 4.30	80 8 40.8	194†	106
1284	8½	16 4.38	42 33 9.4	625	193
1285	9½	9 16 4.66	75 33 39.7	596	92
1286	8	9 16 5.93	30 16 32.0	651	23
	8½	6.08	31.2	160	33
1287	8	16 6.13	42 17 52.1	625	195
1288	9½	16 7.69	35 5 16.9	550	202
1289	9½	16 7.77	47 40 40.0	622	186
	9	8.06	36.6	163	7
1290	8	16 8.31	47 2 11.8	622	184
	8	8.34	13.3	558	160
	8	8.35	13.7	655	17
	8	8.36	11.1	163	8
	8½	8.38	12.1	168	24
1291	9	16 9.50	51 34 18.9	569	61
	9	9.50	19.1	569	59
	9	9.68	18.8	650	49
1292	9	16 11.33	36 19 37.0	268	27
1293	9	16 12.50	38 14 48.3	617	213
1294	9½	16 12.59	77 48 59.2	173	5
1295	8½	16 12.66	52 35 23.8	571	45
	9	12.70	23.7	256	52
	9	12.85	22.5	562	54
1296	8	16 13.47	25 39 0.9	157	14
	8½	13.48	1.8	153	38
	8½	13.49	1.6	153	37
1297	9½	16 14.35	23 36 19.8	150	14
1298	9	16 14.70	33 53 6.4	653	26
	8½	14.71	6.5	265	17
1299	9	16 15.71	56 10 49.5	643	45
1300	8	16 16.40	23 36 2.7	150	13
1301	8½	16 16.74	49 22 36.8	618	196
	8	16.94	37.7	171	8
1302	8	16 16.89	54 43 23.4	249	61
	8	16.94	23.9	641	52
1303	9½	16 17.80	53 57 20.1	564	50
1304	9	16 18.18	36 13 38.3	268	28
1305	9	16 19.43	50 15 40.8	560	105
1306	9½	16 19.69	28 43 37.1	649	58
1307	7½	16 19.90	33 48 19.0	653	27
	8	20.06	18.7	265	18
1308	9½	16 20.23	55 20 31.4	643	44
1309	9	16 20.77	47 2 20.3	622	185
	9	20.92	23.6	655	18
	9	20.98	20.9	168	25
	9	20.98	23.8	558	161
	9	21.09	21.2	163	9
1310	8½	16 21.28	56 38 12.5	253	70
	8½	21.36	13.0	647	50
	8½	21.45	13.2	645	33
1311	8½	16 22.41	61 12 36.5	210	33
1312	9	16 23.21	67 39 8.5	238	93
1313	8½	16 23.23	58 56 42.9	552	96
	8½	23.39	40.6	262	29
1314	8½	16 23.64	52 0 39.6	569	60
	8½	23.69	39.1	650	50
1315	8	16 23.71	28 11 54.8	649	57
	8	23.84	54.0	582	18
1316	9	16 23.92	41 42 36.3	620	199
1317	8½	16 25.06	62 12 14.5	236	81
1318	9	16 26.44	41 20 18.8	620	200
1319	9	16 26.75	61 8 25.4	210	34
1320	9	16 27.04	58 55 29.3	552	95
1321	7½	16 27.44	44 30 40.4	637	138
1322	9	16 27.79	44 11 9.8	637	137
1323	9	16 28.34	50 10 20.0	560	106
1324	9	16 29.50	33 38 25.6	653	28
	9	29.56	26.7	265	19
1325	9	16 29.79	45 28 23.0	654	28
1326	9½	16 30.36	67 0 26.3	187†	82
1327	8½	9 16 31.27	58 41 16.7	262	28

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1328	7½	9 16 33.66	42 17 38.2	625	196	
1329	9	16 34.12	32 56 32.5	252	96	
	9	34.18	35.1	653	29	
1330	8½	16 35.18	45 28 36.8	654	27	
1331	8½	16 37.18	39 9 53.5	634	153	
	8	37.23	52.7	617	215	
1332	8½	16 40.25	49 3 48.5	171	7	
	8½	40.28	47.2	618	197	
	8½	40.49	47.5	171	10	
1333	8	16 41.36	58 24 13.6	262	26	
1334	8	16 44.25	52 43 28.7	562	57	
	8	44.54	31.7	256	54	
	7½	44.59	30.0	571	48	
1335	9	16 45.57	40 33 52.7	629	158	
1336	9½	16 47.16	27 16 29.8	639	33	
1337	9½	16 47.50	57 20 50.9	647	51	
1338	9	16 48.80	39 25 27.8	634	154	
1339	9½	16 49.88	32 4 44.1	252	98	
1340	8½	16 52.28	55 57 12.3	249	62	
	8½	52.34	15.2	643	46	
	8½	52.36	13.1	253	72	
	8½	52.44	15.0	645	34	
1341	9½	16 52.48	54 49 37.5	249	65	
	9½	52.62	38.2	641	53	
1342	8½	16 52.49	31 15 58.5	651	25	
1343	8½	16 54.89	72 30 31.6	184†	45	
1344	9½	16 55.59	46 46 15.6	168	29	
1345	8	16 57.18	59 57 25.3	241	128	
	8½	57.42	23.2	632	116	
1346	9	16 58.69	47 7 16.6	622	187	
	9	58.70	18.0	655	20	
	9	58.74	15.8	168	26	
	9	58.79	17.0	558	162	
	8½	59.12	16.3	163	10	
1347	9½	16 58.74	34 50 18.6	268	30	
1348	8½	16 59.29	38 54 4.2	634	156	
1349	9	16 59.59	46 14 1.4	233	128	
1350	9½	16 59.69	27 21 22.2	639	34	
1351	9	17 0.13	40 14 46.0	629	159	
1352	10	17 . 0.14	53 34 31.5	259	60	
1353	9	17 0.48	46 40 44.6	655	21	
	8½	0.49	41.9	233	126	
	9	0.50	42.5	168	30	
1354	9½	17 0.82	53 1 45.6	256	55	
	9	0.83	45.7	571	47	
1355	9	17 1.66	60 1 12.6	632	121	
	8½	1.72	11.7	241	127	
1356	9½	17 3.22	44 23 46.8	637	139	dpl.
1357	6½	17 3.26	41 39 37.2	620	201	
1358	9	17 6.74	42 42 44.5	625	197	
1359	8	17 7.31	55 16 50.9	249	63	
	8½	7.32	49.4	643	47	
	8½	7.44	51.2	641	54	
1360	9	17 8.74	70 38 8.8	238	97	
1361	8	17 9.01	33 28 14.6	653	30	
	8	9.05	14.3	550	203	
	8	9.11	14.5	265	21	
1362	9	17 9.54	31 37 33.3	651	26	
1363	9½	17 9.91	75 45 2.2	596	91	
1364	9½	17 10.05	57 44 14.1	253	76	
1365	9	17 10.09	47 2 41.7	622	188	
	9	10.24	41.7	558	163	
	9	10.26	40.8	655	19	
	9	10.28	39.9	168	27	
1366	9	17 10.35	56 43 43.2	647	52	
1367	7½	17 12.54	34 26 37.8	265	22	
1368	8	9 17 13.10	46 47 18.0	558	164	
	8	13.15	17.2	168	28	
	7½	13.19	17.1	655	22	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1369	7½	9 17 13.70	54 6 46.7	567	49	
	8½	13.79	49.8	259	62	
1370	9½	17 14.92	53 53 56.2	564	51	
1371	9	17 16.04	33 34 32.6	550	204	
	8½	16.07	33.8	653	31	
	8½	16.12	34.3	265	20	
1372	9	17 17.77	32 4 36.4	252	97	
1373	9½	17 18.38	34 4 44.0	653	32	
1374	8	17 19.78	49 11 48.1	171	9	
	8	20.11	45.8	618	198	
1375	8	17 19.97	58 20 41.7	262	27	
1376	8½	17 20.78	50 52 30.9	569	62	
	8½	20.86	33.3	560	107	
	8½	20.93	31.6	650	52	
1377	9½	17 21.94	37 58 24.5	615	210	
1378	8½	17 22.25	66 53 57.9	187†	81	
	8½	22.43	61.7	557	72	
1379	9	17 22.26	49 7 54.4	618	199	
1380	8½	17 22.70	51 27 35.5	569	64	
	8½	22.89	33.6	650	51	
1381	9	17 23.03	38 43 9.8	617	219	
1382	9	17 23.16	55 52 1.9	253	73	
1383	7	17 24.39	38 50 48.3	617	217	
1384	8	17 25.30	59 51 11.1	552	99	
	8	25.35	11.4	241	129	
	8	25.42	9.1	552	97	
	8½	25.51	12.0	632	124	
1385	8½	17 25.93	29 59 27.8	651	27	
	8	26.02	27.5	649	59	
	8½	26.17	26.9	160	34	
1386	9	17 26.13	52 35 37.6	562	58	
	9	26.20	38.9	571	49	
1387	9	17 26.66	26 38 20.7	153	41	
	9	26.72	19.8	639	35	
1388	9	17 27.14	54 26 17.8	641	56	
1389	7	17 28.65	61 27 41.6	210	37	
	7½	28.70	40.6	192†	49	
1390	9	17 28.75	39 7 11.1	634	155	
	8½	28.78	10.1	617	216	
1391	9	17 28.80	73 18 28.7	636	91	
1392	9½	17 29.02	45 6 34.7	637	140	
	9½	29.10	35.1	654	29	
1393	7½	17 30.11	46 13 38.1	655	24	
	8	30.24	36.0	233	127	
1394	8½	17 30.75	26 38 31.3	639	36	
	8½	30.80	31.9	153	40	
1395	8½	17 31.75	56 44 28.9	645	35	
	8½	31.76	28.0	253	75	
	8½	31.77	28.7	647	53	
1396	9	17 31.82	41 15 6.7	620	202	
1397	9	17 32.38	41 44 46.6	620	203	
1398	8	17 32.84	38 46 57.9	617	218	
1399	9	17 33.54	48 43 31.4	171	12	
1400	9	17 33.73	26 45 1.3	639	37	
1401	9	17 33.78	50 53 58.4	560	108	
	9	33.78	60.4	569	63	
	9	34.00	62.0	650	53	
1402	9	17 33.88	37 55 46.3	615	209	
1403	9	17 34.54	42 54 49.2	627	201	
1404	8	17 34.63	28 27 26.5	582	22	
1405	6½	17 35.61	74 12 25.8	189†	58	
	6½	35.94	24.8	184†	41	
	6½	36.07	27.0	636	88	
1406	8	17 36.02	54 52 7.0	249	64	
	8	36.15	7.1	641	55	
1407	9	17 36.20	30 25 23.0	651	29	
1408	5½	9 17 37.19	74 21 59.8	189†	57	
	6	37.34	59.3	184†	42	
	6	37.34	61.1	636	87	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1409	9½	9 17 37.66	39 15 15.0	634	158	
1410	9	17 38.84	54 9 45.9	567	50	
	9	38.97	46.8	259	61	
1411	8½	17 40.29	28 44 51.1	582	20	
	9	40.32	51.1	649	61	
1412	9½	17 41.61	52 36 6.3	562	59	
	9½	41.67	11.0	571	50	
1413	7	17 41.75	39 14 37.9	634	157	
1414	8	17 42.20	34 59 5.9	268	31	
1415	9	17 42.20	45 34 48.2	654	30	
1416	9½	17 42.79	42 36 56.1	625	198	
1417	8	17 44.98	34 20 21.9	265	23	
1418	8½	17 45.01	28 4 54.6	639	39	
1419	10	17 45.31	53 2 30.4	256	56	
1420	9	17 45.62	60 19 24.5	632	119	
1421	8½	17 46.62	43 34 7.3	627	202	
1422	10	17 47.32	55 10 55.1	643	48	
1423	5	17 47.71	28 17 59.5	582	21	
	5	47.79	62.3	649	62	
1424	9	17 49.06	58 8 58.9	262	31	
1425	9	17 49.38	53 30 22.9	259	59	
1426	6½	17 50.21	45 30 51.3	654	31	
1427	8½	17 50.68	25 37 53.2	153	39	
	8½	50.79	52.5	157	15	
1428	8½	17 50.86	60 29 12.9	632	118	
	8½	50.88	11.4	210	36	
1429	9	17 51.06	58 55 12.5	552	98	
	9	51.11	13.8	552	101	
	9	51.21	13.0	262	30	
	9	51.30	13.6	241	132	
1430	8½	17 51.96	29 57 15.0	651	28	
	8½	52.03	13.8	649	60	
	8½	52.22	14.9	160	35	
1431	9	17 52.50	46 55 59.9	655	23	
	9½	52.51	59.2	168	31	
	9	52.65	56.3	163	11	
1432	9	17 52.62	26 48 3.0	639	38	
1433	8½	17 54.25	52 1 52.4	562	60	
1434	8	17 54.36	28 34 26.7	582	23	
	8	54.59	29.5	649	63	
1435	9	17 54.52	46 19 14.7	655	26	
1436	9½	17 54.71	53 16 35.9	256	58	
	9	54.96	36.7	571	53	
1437	8½	17 55.65	28 5 36.4	639	40	
1438	9½	17 55.84	68 13 3.8	238	95	
1439	5½	17 56.64	61 52 19.8	236	82	
	6	56.74	19.4	192†	50	
	5½	56.96	19.1	210	40	
1440	9	17 56.77	40 13 41.6	629	160	
1441	8½	17 58.87	46 18 49.1	655	25	
	9	58.95	47.7	168	33	
1442	8½	17 59.55	60 1 34.2	241	131	
	8½	59.59	32.6	632	122	
	8½	59.66	30.5	632	120	
1443	8	17 59.68	56 22 17.4	645	36	
	7½	59.82	16.7	253	74	
1444	6½	18 1.75	54 59 2.2	249	66	
	6½	1.82	3.1	641	57	
1446	9½	18 3.80	31 7 48.6	651	30	dpl. III.
1447	8½	18 5.14	28 32 34.8	649	64	
	8½	5.23	31.0	582	24	
1448	8	18 6.34	54 0 52.6	567	51	
	8	6.41	52.8	259	63	
	8	6.73	49.3	564	52	
1449	9	18 6.78	33 43 54.2	653	33	
1450	8½	18 8.09	39 25 3.7	634	159	
1451	9½	18 8.76	61 25 17.0	210	38	
1452	8	9 18 10.55	65 57 27.0	557	73	
	9	11.03	24.0	187†	84	
1453	9	9 18 10.76	47 12 53.7	163	12	
1454	9½	18 10.78	33 5 38.2	252	100	
1455	8	18 10.88	23 7 26.2	150	15	
1456	9	18 11.78	60 5 12.2	632	123	
	9	11.80	12.1	241	130	
1457	8	18 12.20	49 42 5.2	560	109	
	8	12.23	3.9	618	200	
1458	9	18 13.81	48 53 26.2	618	201	
	8½	13.83	23.9	171	14	
	8½	13.84	23.6	171	11	
1459	3	18 14.54	54 28 37.0	641	58	
	3	14.54	39.8	567	55	
	2	14.55	38.5	259	67	
	3	15.—	38.5	249	69	
1460	9½	18 14.69	51 38 49.6	569	66	?
1461	9½	18 15.99	41 43 59.1	620	204	
1462	9½	18 16.05	56 47 48.5	647	54	
1463	9½	18 17.44	61 30 15.5	210	39	
1464	9	18 18.20	78 48 15.9	173	6	
1465	8½	18 19.74	24 5 32.0	150	16	
	8½	19.88	31.7	157	16	
1466	9	18 21.93	37 47 22.8	615	212	
1467	10	18 21.94	76 40 1.4	194†	107	dpl. n. sq.
1468	9	18 21.99	48 44 22.3	618	203	
	9	22.01	21.9	171	13	
1469	9½	18 22.10	39 45 5.6	634	161	
1470	8	18 23.17	53 56 5.4	567	52	
	8½	23.38	7.9	259	64	
	8½	23.67	5.5	564	53	
1471	9½	18 23.98	37 42 46.2	615	215	
1472	9½	18 24.25	51 56 55.0	562	61	
1473	7	18 24.74	32 39 53.6	252	99	
	7	24.80	54.9	653	35	
1474	9	18 24.88	48 58 15.0	171	15	
	9	25.15	15.7	618	202	
1475	8½	18 26.64	51 35 26.8	569	65	
	9	26.86	28.0	650	55	
1476	9½	18 28.27	36 50 29.7	268	33	
1477	9½	18 28.59	37 36 16.2	615	214	
1478	8½	18 28.98	53 12 7.1	571	51	
	8½	29.05	9.1	256	57	
	8	29.12	8.7	564	56	
1479	9	18 29.24	39 48 61.0	634	160	
	9	29.48	59.5	629	161	
1480	8	18 29.32	55 25 33.8	249	67	
	8	29.43	37.3	643	50	
1481	8½	18 29.80	46 46 57.0	168	32	
1482	9½	18 30.92	62 28 53.8	236	84	
1483	8½	18 30.97	47 8 18.6	163	13	
1484	9	18 32.79	45 8 12.9	654	32	
	9	33.06	12.1	637	141	
1485	8½	18 33.12	33 18 0.1	653	34	
1486	8	18 33.21	44 25 49.1	637	142	
1487	9	18 33.57	59 45 16.8	632	125	
	9	33.85	12.0	552	100	
1488	8	18 34.09	72 47 25.2	184†	44	
	8	34.10	27.7	184†	46	
	8	34.18	24.6	189†	60	
	8	34.31	27.5	636	93	
1489	9	18 34.70	36 53 12.7	268	32	
1490	8	18 34.85	70 28 32.9	238	98	
1491	9	18 34.93	38 2 28.3	617	220	
	8½	34.95	26.3	615	211	
1492	9½	18 35.84	73 19 5.5	636	90	
1493	8½	18 36.17	52 54 1.2	571	55	
1494	8½	18 40.22	48 31 24.0	618	204	
	8½	40.28	23.1	171	17	
1495	6½	18 40.37	34 42 39.3	265	24	
1496	9	18 40.48	39 57 14.6	629	162	
1497	9½	9 18 41.38	34 38 13.4	265	25	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1498	8½	9 18 42.42	43 3 59.8	627	204	
	9	42.56	57.6	625	199	
1499	9	18 42.50	55 41 50.3	643	49	
	9	42.54	49.4	249	68	
1500	7	18 43.—	37 13 20.6	615	216	
	7	43.49	18.2	268	34	
1501	8½	18 44.40	51 36 0.2	569	67	
	8½	44.65	1.7	650	54	
1502	9	18 47.02	52 8 41.5	562	62	
1503	9	18 47.74	37 40 9.9	615	213	
1504	9	18 49.16	43 22 25.9	627	203	
	9	49.26	27.7	627	205	
1505	9½	18 49.19	73 18 56.8	636	89	
1506	9	18 49.78	32 18 18.5	653	36	
1507	9½	18 50.19	42 46 24.6	625	200	
1508	9	18 50.53	41 43 18.0	620	205	
1509	8½	18 51.46	58 11 59.5	262	32	
1510	9½	18 52.34	58 2 48.7	262	35	
1511	9	18 53.54	46 20 31.9	168	37	
	9	53.56	34.9	655	29	
1512	9½	18 53.70	56 3 21.2	643	52	
	9½	53.77	18.0	253	77	
1513	9½	18 53.89	56 3 18.4	645	37	
1514	9	18 54.41	50 2 6.9	560	110	
1515	8½	18 55.17	24 52 37.6	157	17	
	8½	55.23	35.8	150	17	
	8½	55.24	36.7	153	42	
1516	9½	18 55.25	29 53 3.9	651	31	
1517	9	18 55.37	62 32 22.4	236	83	
1518	10	18 55.41	30 13 24.8	651	32	
1519	8½	18 56.26	51 22 10.3	650	57	
	9	56.29	7.4	569	69	
1520	9	18 56.33	45 44 5.0	654	33	
1521	9	18 57.20	53 49 39.9	567	54	
	10	57.37	41.3	564	55	
	9½	57.45	41.1	259	65	
1522	9½	18 57.46	39 51 16.6	634	163	
1523	9½	18 57.62	39 49 26.9	634	162	
1524	8	18 57.63	28 38 37.6	649	65	
	8	57.72	35.7	582	27	
1525	9½	18 58.40	40 31 56.3	619	1	
	9½	58.53	53.0	629	163	
1526	9	18 58.90	57 34 26.4	647	55	
	9	58.99	26.5	262	36	
1527	9½	18 59.01	55 6 52.4	641	60	
1528	10	19 0.04	58 54 16.0	241	133	
1529	6½	19 0.16	47 45 2.4	163	14	
1530	9½	19 0.25	58 14 1.7	262	33	
1531	9	19 0.66	59 55 34.6	632	126	
1532	9½	19 0.71	45 39 39.4	654	34	
1533	9	19 0.90	48 35 5.5	171	18	
	9	1.14	3.8	618	205	
1533½	9	19 2.62	79 0 29.9	173	7	
1534	9½	19 3.00	49 3 27.9	171	16	
1535	8½	19 3.50	53 51 21.0	567	53	
	9	3.53	22.5	259	66	
	9½	3.56	21.1	564	54	
1536	8	19 3.61	52 20 58.8	562	63	
1537	8½	19 3.68	40 33 56.8	619	3	
	8½	3.87	54.0	629	164	
1538	8	19 4.73	51 16 2.2	650	58	
	8	4.78	1.2	569	71	
1539	8½	19 4.83	27 27 58.3	639	41	
1540	9	19 5.08	53 4 49.7	256	60	
	8½	5.25	51.0	571	54	
1541	8	19 5.26	27 28 2.7	582	25	
1542	9½	19 5.28	51 33 31.2	650	56	
	9½	5.32	31.2	569	68	
1543	9	9 19 6.00	55 12 5.3	641	59	
	9	6.08	5.3	643	51	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1544	8	9 19 6.68	53 17 4.4	256	59	
	7	6.69	4.8	564	57	
	7½	6.76	5.0	571	52	
1545	8½	19 7.23	28 31 52.6	649	66	
	8½	7.34	49.5	582	26	
1546	6½	19 8.76	46 22 21.8	655	27	
	6½	8.90	22.1	168	34	
1547	8½	19 9.37	40 32 55.5	619	2	
	8½	9.47	55.7	629	165	
1548	10	19 11.25	31 44 26.1	651	33	
1549	8	19 11.51	23 17 15.6	150	18	
1550	9	19 11.80	68 52 59.1	238	99	
1551	9½	19 12.35	73 22 50.7	636	92	
1552	8½	19 12.81	33 8 29.4	252	101	
	8½	12.85	32.3	653	37	
	8½	12.87	32.5	265	26	
1553	9	19 12.82	52 12 42.7	562	64	
1554	9	19 13.25	41 20 17.4	620	206	
1555	9½	19 14.51	46 27 24.5	168	36	
1556	9	19 15.85	61 42 23.1	210	42	
1557	9	19 15.92	58 1 23.1	262	34	
1558	9	19 17.19	54 31 54.3	567	56	
	9	17.40	53.8	249	70	
	9	17.44	54.6	641	61	
	9	17.46	53.4	259	68	
1559	9	19 17.39	38 49 53.4	617	222	
1560	9	19 18.08	39 58 57.3	634	164	
1561	6½	19 18.61	38 53 15.0	617	221	
1562	9	19 18.87	27 10 28.8	639	42	
1563	9½	19 19.09	54 35 9.9	567	57	
	9½	19.14	12.1	641	62	
	9½	19.33	11.5	249	71	
1564	8½	19 20.20	46 31 22.9	655	28	
	8½	20.41	21.8	168	35	
1565	8	19 20.61	68 46 18.5	238	100	
1566	9	19 21.95	70 32 59.1	238	96	
1567	9	19 23.88	38 33 45.2	617	223	
1568	9½	19 24.35	41 14 42.3	620	207	
1569	9	19 24.55	59 44 17.4	552	102	
	9	24.61	16.5	632	127	
	9	24.68	18.0	241	136	
1570	9½	19 25.84	44 56 12.8	637	143	
	9½	25.89	14.0	654	35	
1571	9	19 26.19	38 17 15.6	617	224	
1572	8½	19 31.80	27 31 46.0	639	43	
1573	9	19 32.88	39 2 48.9	634	166	
1574	10	19 35.53	52 44 43.8	256	63	
	9½	35.67	42.9	562	67	
	9½	35.78	44.8	571	58	
1575	9½	19 35.83	29 27 53.8	649	68	
1576	8½	19 37.33	60 33 24.8	632	129	
1577	9½	19 37.83	46 24 55.8	655	30	
	9½	38.06	53.1	168	38	
1578	9½	19 38.11	55 18 57.0	641	63	
	9	38.34	56.4	643	53	
1579	8	19 39.63	59 1 14.1	552	103	
	8	39.72	15.4	241	134	
1580	9½	19 40.08	50 47 22.0	560	111	
1581	9	19 40.15	54 21 16.1	567	58	dpl. IV.
1582	8½	19 40.70	43 20 46.3	627	206	
1583	9½	19 41.68	43 29 59.0	627	207	
1584	8½	19 41.72	52 44 3.8	256	62	
	8½	41.76	2.8	571	57	
	8½	41.78	1.2	562	68	
1585	9½	19 45.44	27 18 27.0	639	44	
1586	9	19 46.16	36 46 38.4	268	35	
1587	9	19 47.70	41 33 9.0	620	208	
1588	9	19 48.56	44 16 13.0	637	144	
1589	6½	9 19 48.75	51 12 0.1	569	70	
	6½	48.91	1.0	650	59	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1590	9	9 19 48.89	40 8 49.6	634	165	
	9	48.99	49.5	629	166	
1591	8½	19 49.30	52 52 5.3	571	56	
	9	49.55	4.4	256	61	
1592	9½	19 49.68	37 10 0.6	615	217	
1593	9	19 50.08	38 15 59.9	617	225	
1594	9½	19 50.82	25 4 11.2	153	43	
1595	9½	19 51.39	36 42 19.9	268	36	
1596	9	19 52.20	61 37 48.6	210	43	
1597	8	19 52.76	28 26 23.8	582	28	
	8	52.81	25.5	649	67	
1598	8	19 53.23	73 4 16.6	189†	61	
	8	53.34	19.7	636	94	
	8	53.35	16.9	189†	59	
	8	53.60	18.8	184†	47	
1599	9½	19 53.38	52 17 43.7	562	66	
1600	9	19 53.67	26 59 21.1	639	45	
	9	53.82	17.2	582	29	
1601	9½	19 54.40	34 7 50.8	653	39	
	10	54.44	49.6	265	27	
1602	9½	19 55.06	38 17 13.6	617	226	
1603	9	19 55.25	42 43 29.3	625	201	
1604	8½	19 56.17	61 42 31.2	210	41	
1605	9½	19 58.90	44 14 50.9	637	145	
1606	9½	19 59.39	53 36 48.6	564	58	
1607	8½	20 0.55	54 18 8.1	567	59	
	9	0.79	10.2	259	69	
1608	9	20 0.70	56 41 27.4	647	56	
	9	0.81	27.6	645	38	
	9	0.85	26.9	253	78	
1609	9	20 1.00	52 19 42.6	562	65	
1610	9½	20 2.30	34 7 9.8	653	38	
	9½	2.44	9.1	265	28	
1611	7	20 2.56	24 47 52.5	150	19	
	7	2.71	51.8	157	18	
1612	9	20 3.07	48 6 58.4	618	207	
	9	3.09	56.2	163	15	
	9	3.11	56.7	618	206	
1613	9	20 3.23	77 53 45.9	194†	109	
	8½	3.38	45.3	173	10	
1614	9	20 4.04	49 16 22.3	171	19	
1615	9	20 4.30	50 52 10.6	560	112	
1616	9½	20 6.36	43 26 44.9	627	209	
1617	9	20 6.54	51 7 39.5	569	72	
	9	6.70	39.1	650	60	
1618	7	20 7.85	59 45 56.6	241	135	
	7	7.86	55.7	632	128	
	7	7.91	57.1	269	1	
	7	7.98	55.0	552	104	
1619	8½	20 8.72	26 54 42.1	639	46	
	9	8.72	42.7	153	44	
	8½	8.84	41.8	582	30	
1620	9	20 9.12	27 7 25.0	582	31	
1621	9	20 9.30	38 3 52.0	615	218	
1622	9	20 11.23	42 58 3.8	625	202	
1623	9	20 11.48	55 13 52.4	643	54	
	9	11.63	53.7	641	64	
1624	9½	20 12.17	55 56 54.0	645	39	
1625	9	20 14.02	31 43 10.9	252	102	
	9	14.09	13.7	651	37	
	9	14.10	11.5	651	34	
1626	9	20 16.20	28 47 41.4	649	69	
1627	9	20 17.79	56 47 22.1	647	57	
	9½	17.98	23.1	253	79	
	9	17.98	24.9	645	40	
1628	8½	20 18.67	41 42 52.0	620	209	
1629	9	20 18.68	28 47 14.6	649	71	
	9	18.94	15.2	649	70	
1630	8½	9 20 21.60	68 6 12.2	238	102	
1631	8	9 20 23.59	44 50 14.2	637	146	
	8	23.77	13.1	654	36	
1632	7½	20 25.50	43 26 20.3	627	208	
1633	8½	20 26.75	43 6 49.3	625	203	
	8½	26.86	51.0	627	210	
1634	9	20 26.80	33 33 16.5	653	42	
1635	8½	20 27.53	40 22 56.3	629	167	
	8½	27.59	59.7	619	4	
1636	9	20 27.99	49 25 40.8	171	20	
1637	8½	20 29.00	47 56 45.9	163	16	
1638	8	20 29.11	33 46 59.5	653	40	
	8	29.24	60.7	265	29	
1639	9	20 31.22	40 49 56.8	620	210	
	9	31.43	53.8	629	168	
1640	9	20 31.72	36 43 51.8	268	37	n. pr.
1641	9	20 31.89	39 41 14.0	634	167	
	9	31.97	15.0	619	6	
1642	9½	20 32.70	36 44 2.0	268	38	s. sq.
1643	9	20 33.37	31 38 48.7	651	38	
1644	9	20 34.16	51 19 47.2	569	75	
1645	8½	20 36.07	44 56 43.6	654	37	
	8½	36.15	45.0	637	147	
1646	9½	20 36.57	56 29 26.4	645	42	
1647	8½	20 37.09	52 37 23.1	562	69	
	8½	37.16	24.1	571	59	
	8½	37.23	23.9	256	64	
1648	8½	20 38.34	49 44 50.3	560	113	
1649	9	20 38.49	31 53 52.0	252	103	
	8½	38.70	51.5	651	35	
1650	9½	20 38.77	57 51 54.5	262	37	
1651	9	20 38.90	52 28 27.9	256	65	
	9	38.99	23.4	562	70	
1652	8½	20 38.94	30 49 44.3	160	36	
1653	9	20 42.61	55 16 23.3	641	65	
	9	42.72	24.3	643	55	
1654	9½	20 43.71	37 3 28.2	615	219	
1655	7½	20 44.16	46 24 18.5	655	32	
	7½	44.30	16.4	168	39	
1656	9	20 44.25	56 31 1.0	645	41	
1657	7½	20 44.31	39 46 29.3	634	168	
	7½	44.37	30.1	619	5	
1658	8½	20 44.80	24 33 51.4	157	19	
	8½	44.88	52.6	150	20	
1659	8½	20 45.14	51 17 18.0	569	73	
	8	45.27	18.7	650	61	
1660	9	20 45.25	47 59 45.6	163	17	
1661	8	20 47.42	29 29 40.1	160	37	
1662	9	20 47.51	31 59 6.4	252	104	
	9	47.81	6.8	651	36	
1663	9½	20 52.23	40 33 57.3	629	169	
1664	9	20 52.32	46 26 22.2	655	31	
	9	52.37	21.2	168	40	
1665	9	20 53.16	47 43 41.1	163	20	n. pr.
1666	9	20 53.27	51 18 1.9	569	74	
	9	53.41	5.6	650	62	
1667	9	20 53.51	52 52 18.5	571	60	
1668	8½	20 53.55	47 44 3.5	163	19	s. sq.
1669	8	20 53.82	75 10 40.7	184†	49	
1670	8	20 54.47	35 25 44.2	268	39	
1671	6½	20 55.74	61 6 32.6	210	44	
1672	8½	20 55.91	29 9 0.5	160	38	
1673	9½	20 56.41	57 16 0.1	647	58	
	9½	56.53	1.4	253	80	
1674	9	20 57.30	47 59 28.9	163	18	
1675	9	20 57.53	33 29 54.6	265	31	
	9	57.61	52.6	653	41	
1676	9½	20 59.60	54 34 4.3	249	74	
1677	9½	9 21 0.07	48 57 4.2	171	22	
	9½	0.31	6.3	618	209	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1678	9	9 21 0.12	28 54 13.4	649	72	dpl. II. s. pr.
1679	9	21 0.49	78 36 8.2	173	11	
1680	8	21 0.77	68 40 58.9	238	101	
1681	8½	21 1.86	32 47 49.2	653	44	
1682	7	21 2.66	23 37 38.8	150	21	
1683	9	21 2.86	45 17 53.2	654	38	
1684	9	21 3.27	51 26 10.1	650	65	
	9	3.37	12.0	650	63	
1685	9½	21 3.40	31 5 11.2	252	105	
	9½	3.62	11.0	651	39	
1686	8½	21 3.44	77 6 41.3	194†	108	
1687	9½	21 4.05	45 3 15.4	637	148	
1688	9	21 4.37	51 53 9.7	650	64	
1689	9½	21 5.97	37 0 50.2	615	220	
1690	8½	21 6.94	26 2 10.7	639	47	
	8½	7.06	11.0	157	20	
	9	7.13	9.6	153	45	
1691	9	21 7.22	26 20 51.3	639	48	
1692	8	21 7.51	58 8 58.5	262	39	
1693	9	21 8.11	74 45 47.3	189†	64	
1694	8½	21 9.52	51 7 55.7	569	76	
1695	9½	21 9.74	74 43 46.5	189†	65	
1696	8½	21 11.80	27 50 0.4	582	32	
1697	9	21 12.42	26 21 1.3	639	49	
1698	9	21 12.48	39 51 34.7	634	172	
	9	12.52	34.4	619	8	
	9	12.65	34.0	634	169	
	9	12.78	31.8	629	170	
1699	9	21 13.82	59 43 50.5	632	130	
	9	13.92	50.9	241	137	
	9½	14.13	50.8	552	105	
1700	9	21 14.52	51 5 39.6	569	77	
1701	9	21 15.53	26 31 20.6	639	50	
	10	15.56	20.1	153	46	
1702	9	21 16.23	49 51 27.0	560	116	
	9	16.29	26.9	560	114	
1703	9½	21 16.97	28 36 24.2	649	73	
1704	9	21 17.46	49 2 18.3	171	21	
	8½	17.64	15.7	618	208	
1705	6½	21 18.09	28 14 45.4	582	34	
	6½	18.19	48.0	649	74	
1706	9½	21 19.50	57 55 5.4	262	38	
1707	9½	21 19.67	39 47 1.5	634	170	
	9½	19.71	1.9	619	9	
1708	9½	21 20.04	46 26 18.3	168	41	
	9½	20.07	18.8	655	33	
1709	9	21 20.75	79 12 20.4	173	9	
	9	20.89	19.4	173	12	
1710	7	21 21.29	53 55 23.2	567	60	
	7	21.56	25.1	259	70	
	7	21.56	24.9	564	59	
1711	7	21 21.52	33 21 17.4	653	43	red
	7	21.53	17.9	265	30	
1712	9	21 24.18	60 22 42.3	632	131	
	9	24.19	43.0	241	139	
1713	9½	21 24.54	58 39 20.8	262	40	
1714	9½	21 25.22	28 18 36.1	649	75	
1715	9	21 27.47	54 48 3.5	641	69	
1716	9	21 27.52	71 8 34.2	636	98	
1717	10	21 28.53	61 55 3.6	236	86	
1718	9	21 29.22	63 10 32.5	236	85	
1719	9½	21 29.31	41 44 55.1	620	212	
1720	9	21 29.39	55 32 29.1	643	56	
1721	9½	21 31.90	38 57 12.3	617	227	
1722	8	21 31.99	54 24 12.5	567	62	
	8	32.11	10.8	249	72	
	8	32.18	12.4	641	66	
1723	9	9 21 32.46	48 37 0.1	171	23	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1724	7½	9 21 32.51	52 42 32.2	256	66	n. pr.
	7½	32.61	30.1	562	71	
	7	32.71	32.3	571	61	
1725	6½	21 33.16	39 57 39.4	634	171	
	7	33.25	37.9	619	7	
	6½	33.38	37.7	629	171	
1726	10	21 33.43	52 42 48.3	256	67	s. sq.
	9½	33.47	47.0	562	72	
1727	9	21 33.56	59 1 32.9	552	106	
	9	33.78	35.1	269	2	
1728	9	21 33.65	79 54 14.5	173	8	
1729	10	21 34.61	37 43 55.7	615	222	
1730	7	21 35.26	41 42 35.0	620	211	
1731	10	21 36.46	74 49 3.9	189†	66	
1732	8½	21 36.57	73 0 8.0	189†	62	
	8½	36.69	9.9	636	95	
	8½	36.71	8.0	184†	48	
1733	9½	21 37.11	37 40 53.8	615	221	
1734	8½	21 37.44	27 19 38.2	582	33	
1735	8	21 39.53	47 13 8.1	163	21	
	8½	39.79	9.7	168	42	
1736	7½	21 40.07	54 27 58.9	567	61	
	7½	40.15	58.0	249	73	
	7½	40.48	59.4	641	67	
1737	9	21 42.38	35 27 44.3	268	40	
1738	9½	21 43.99	59 40 1.9	241	138	
1739	9	21 46.01	75 9 59.4	184†	50	
1740	8½	21 46.13	56 49 19.5	647	59	
	8½	46.20	18.9	253	81	
	8½	46.24	20.9	645	43	
1741	8½	21 46.24	60 48 23.6	210	45	
1742	8	21 47.15	53 5 58.7	259	71	
1743	9	21 47.27	39 16 16.0	634	176	
1744	10	21 47.78	72 53 51.0	636	96	
1745	8½	21 49.54	45 35 2.1	654	40	
1746	9	21 50.41	48 33 13.2	171	24	
1747	9	21 51.94	54 44 51.1	641	68	
	9	52.01	51.1	249	76	
1748	10	21 52.77	53 21 33.9	259	74	
	10	53.02	34.4	564	61	
1749	9	21 53.41	45 51 47.0	654	39	
	9	53.45	47.0	655	34	
1750	9	21 53.79	24 52 22.4	150	22	
1751	9	21 53.84	42 35 12.9	625	204	
1752	8½	21 54.95	68 5 42.5	238	103	
1753	9	21 55.63	42 31 39.1	625	205	
1754	9½	21 55.98	43 33 27.8	627	213	
1755	9½	21 56.09	33 6 45.7	265	33	
	9	56.17	49.7	653	47	
1756	7½	21 56.26	53 17 54.5	564	60	
	7½	56.26	55.1	259	73	
1757	9	21 56.36	43 2 2.2	627	211	
1758	9	21 57.88	39 21 24.2	634	177	
1759	8	21 58.05	43 41 53.4	627	212	
1760	8½	21 59.12	26 35 2.6	639	52	
1761	9½	21 59.27	60 30 29.0	241	141	
	9½	59.74	28.2	632	132	
1762	8	21 59.88	27 51 11.4	649	77	
1763	7	21 59.93	33 14 51.0	265	32	
	7	59.93	52.5	653	46	
1764	8½	22 0.88	51 25 16.0	650	66	
	8½	0.94	18.6	569	80	
1765	9½	22 1.01	55 17 39.3	643	57	
1766	8½	22 2.45	33 35 7.4	265	34	
1767	9	22 3.90	32 20 28.6	252	107	
	9	3.94	29.2	653	45	
1768	9	22 4.30	45 35 22.8	654	41	
1769	9	9 22 4.70	53 3 57.8	259	72	
	9½	4.79	56.8	571	62	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
1770	9	9 22 6.32	48 29 42.2	618	211
	9	6.34	44.0	171	25
	9	6.36	43.4	618	210
1771	9½	22 6.60	34 52 34.1	268	42
1772	10	22 7.59	52 19 22.1	562	73
1773	9	22 7.62	59 20 49.4	552	107
	8½	7.77	51.8	269	4
1774	9	22 9.53	39 25 30.0	634	175
	9	9.58	28.7	619	11
1775	8	22 10.15	55 32 55.4	643	58
1776	9	22 10.22	73 22 47.5	189†	63
1777	9½	22 10.60	60 14 39.5	632	133
	9	10.67	40.0	241	140
1778	8½	22 10.74	25 49 2.7	157	21
1779	8½	22 11.97	26 33 45.5	639	51
	8½	12.19	47.0	153	47
1780	8	22 12.12	53 49 43.4	567	63
	8½	12.25	45.6	259	77
	8½	12.42	42.9	564	64
1781	9	22 12.18	29 20 44.4	160	40
1782	9	22 12.42	30 57 43.7	252	106
	8½	12.54	44.2	651	40
	8½	12.80	42.8	160	39
1783	8½	22 12.85	50 37 58.8	560	117
1784	9	22 13.22	64 10 8.1	557	74
1785	6	22 14.01	52 50 17.6	571	64
	6	14.29	14.8	256	68
1786	9½	22 14.58	34 51 43.8	268	41
1787	9	22 14.93	39 49 31.9	634	173
	9	15.02	30.0	629	172
	9	15.07	32.6	619	10
1788	9	22 15.40	39 33 39.7	634	174
	9	15.53	38.6	619	12
1789	10	22 16.10	41 38 34.3	620	213
1790	8½	22 16.34	50 56 55.7	569	78
1791	9½	22 16.40	52 26 10.1	562	74
1792	9	22 16.46	36 20 10.8	268	44
1793	8	22 16.50	71 16 14.1	636	97
	8	17.01	15.2	184†	51
1794	9	22 16.72	28 21 48.4	649	76
	8½	16.83	49.0	582	35
1795	9	22 17.04	49 45 35.4	560	115
1796	10	22 17.89	37 37 2.5	615	223
1797	8½	22 18.06	56 42 60.0	647	60
	8½	18.07	59.0	253	82
	8½	18.10	59.1	645	44
1798	8	22 19.24	23 8 6.3	150	23
1799	6	22 20.62	61 24 40.4	210	47
1800	8½	22 22.42	26 55 52.0	582	36
	8½	22.58	53.8	639	53
1801	9	22 25.84	35 39 37.3	268	43
1802	7	22 27.40	34 27 48.2	265	36
1803	9	22 29.04	58 40 11.9	262	41
1804	9	22 29.19	51 55 33.5	562	76
1805	9	22 29.77	27 53 48.2	649	78
1806	9½	22 30.03	25 53 56.9	157	22
1807	7½	22 31.54	54 19 56.5	249	75
1808	9½	22 32.50	56 7 18.5	645	46
1809	7	22 33.10	48 9 6.2	618	212
	7	33.13	8.0	171	27
	7	33.20	6.5	163	24
1810	9	22 33.24	41 7 11.2	629	173
	9½	33.31	12.6	620	214
1811	9	22 34.46	52 49 42.6	256	69
	8½	34.53	41.5	571	65
1812	9	22 35.14	57 10 12.0	647	61
1813	9½	9 22 36.72	43 55 56.5	627	216
	9½	36.72	54.3	627	214
	9½	36.82	55.0	637	149
1814	9½	9 22 36.96	55 55 57.6	253	83
1815	7½	22 37.32	51 13 39.0	569	79
	7½	37.35	38.9	650	67
1816	8	22 37.86	59 12 7.6	552	108
	7	38.02	3.1	269	3
1817	7½	22 38.44	64 43 51.8	557	75
1818	9½	22 39.94	46 59 50.2	168	44
1819	8	22 40.33	52 58 21.5	256	70
	7½	40.34	23.3	571	63
1820	8½	22 41.41	60 57 20.8	210	46
	8½	41.42	21.1	210	50
1821	9½	22 42.62	38 54 40.4	617	228
1822	8½	22 44.85	53 19 57.0	259	75
	8½	44.96	57.0	564	62
1823	9½	22 46.43	58 59 17.4	262	42
1824	9	22 47.03	55 30 40.7	643	59
1825	9½	22 48.40	47 11 47.5	163	22
	9	48.62	51.5	655	35
	9	48.79	49.3	168	43
1826	8	22 48.87	48 18 12.9	618	213
	8	49.00	13.3	171	26
	8	49.20	12.4	163	25
1827	8½	22 51.43	51 58 37.0	650	69
	9	51.58	36.0	562	77
1828	8½	22 51.65	47 45 45.0	163	23
1829	8½	22 51.69	55 24 58.9	643	60
1830	8½	22 51.95	25 45 12.8	157	23
1831	9	22 52.36	51 55 23.6	562	75
	8½	52.42	22.5	569	82
	8½	52.52	24.3	650	70
1832	8½	22 52.61	55 23 35.6	643	61
1833	9½	22 53.09	50 4 19.4	560	118
1834	8½	22 53.58	23 53 30.8	150	24
1835	7	22 53.72	53 48 33.0	567	64
	7½	53.96	33.1	259	76
	7½	54.00	33.5	564	65
1836	9	22 53.92	33 52 40.3	653	48
1837	9½	22 54.54	68 55 2.5	238	105
1838	8½	22 56.13	41 4 26.8	620	215
	8½	56.30	25.7	629	174
	8½	56.35	27.0	619	14
1839	8½	22 56.14	51 14 34.8	650	68
	8½	56.15	35.7	569	81
1840	9	22 56.16	30 34 35.3	651	41
1841	9	22 56.90	27 25 40.8	639	55
	9	56.97	39.1	582	37
1842	7½	22 57.60	42 2 7.6	620	216
	7	57.61	6.0	625	207
1843	8½	22 57.61	40 39 22.9	629	175
1844	9	22 59.62	56 16 57.7	645	45
	9½	59.64	60.7	645	47
1845	9	22 59.65	43 5 35.2	625	206
	9	59.69	37.0	627	215
1846	9	23 1.99	59 59 47.1	241	143
1847	7½	23 2.65	34 21 34.2	265	35
1848	7½	23 3.72	24 53 22.7	150	26
	7½	3.79	17.2	153	48
1849	8	23 7.60	25 48 12.7	639	54
	8	7.63	12.0	153	50
	8	7.63	12.9	157	24
1850	8½	23 8.29	63 11 44.2	236	87
1851	9½	23 8.67	45 28 35.1	654	42
1852	10	23 8.72	38 41 28.6	617	229
1853	9½	23 10.00	45 22 49.0	654	43
1854	9½	23 11.00	60 15 32.4	632	135
1855	8	23 11.29	54 49 33.7	249	80
	8½	11.29	32.7	249	77
	8½	11.58	33.6	641	70
1856	9½	9 23 11.55	63 10 52.2	236	88

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1857	9½	9 23 12.45	29 14 8.9	649	79	
	9½	12.48	9.5	160	41	
1858	9	23 12.72	40 43 11.2	629	176	
1859	8½	23 15.37	53 46 2.5	567	65	
	8	15.51	4.3	259	79	
	8½	15.53	3.7	564	68	
1860	8	23 16.53	37 40 18.2	615	224	
1861	9½	23 17.04	28 24 10.0	649	80	
1862	9½	23 17.30	39 58 21.3	634	179	
1863	9	23 17.55	46 7 55.9	655	36	
	9	18.13	54.8	168	45	
1864	9½	23 19.07	60 8 2.7	632	136	
	9½	19.10	1.3	632	134	
	9½	19.12	2.1	241	145	
1865	7	23 19.16	59 2 8.1	262	43	
	7	19.25	9.5	552	109	
	7	19.32	10.6	269	5	
1866	8½	23 19.57	53 25 31.8	564	63	
1867	8½	23 19.63	41 40 3.9	620	217	
1868	9	23 21.50	71 12 59.2	636	99	
	9	21.94	62.3	184†	52	
1869	9	23 22.35	60 56 55.8	210	49	
1870	8½	23 22.67	37 32 52.1	615	225	
1871	8½	23 23.17	24 28 55.5	150	25	
	8½	23.30	56.7	157	26	
1872	9	23 23.56	56 23 55.8	645	48	
	9½	23.71	55.8	253	84	
1873	8½	23 23.82	60 50 26.0	210	48	
1874	9	23 23.96	34 29 30.6	265	37	
1875	8½	23 24.11	52 53 12.8	571	66	
	8½	24.14	11.4	256	71	
1876	9	23 26.77	60 23 40.4	632	137	
	9	26.93	40.4	241	142	
1877	9½	23 26.97	50 11 1.4	560	119	
1878	9½	23 28.21	31 15 5.2	252	109	
	10	28.27	5.9	651	42	
1879	9½	23 28.40	56 20 41.3	253	87	
	9½	28.46	41.7	645	50	
1880	9	23 28.54	54 42 29.4	249	78	
	9	28.64	30.0	641	71	
1881	9	23 28.93	53 55 4.4	259	78	
	8½	29.01	4.0	567	66	
	9	29.22	2.1	564	66	
1882	9½	23 29,15	58 27 42.4	262	45	dpl. III.
1883	8½	23 30.38	58 12 42.6	262	47	
	8½	30.54	40.4	262	44	
1884	8½	23 31.21	39 33 6.4	634	180	
	8½	31.23	4.6	619	13	
	8½	31.24	4.5	634	178	
1885	8½	23 32.72	35 4 6.3	268	46	
	8	32.84	5.3	265	38	
1886	9½	23 35.47	73 50 38.0	636	102	
1887	9	23 35.73	72 29 58.0	636	100	
1888	7½	23 36.55	43 59 33.2	627	222	
1889	9½	23 36.85	45 18 51.0	654	45	
1890	8½	23 37.40	25 6 14.9	157	25	
	8½	37.48	17.4	153	49	
1891	9½	23 37.48	28 31 0.5	649	81	
	9½	37.62	0,7	582	38	
1892	9½	23 37.94	31 8 1.2	252	108	
	9½	38.03	4.3	651	43	
1893	8½	23 39.31	40 55 58.1	619	15	
	8½	39.46	56,9	629	177	
	8½	39.49	57.6	620	218	
1894	9	23 40.20	36 23 18.9	268	45	
1895	10	23 40.59	57 28 12.6	647	62	
1896	9½	9 23 40.93	52 35 55.1	562	78	
	9½	41.03	57.2	571	69	
1897	9	9 23 41.01	32 29 36.2	653	49	
1898	9	23 41.19	27 9 5.0	639	56	
	9	41.34	2.9	582	39	
1899	9	23 41.42	39 13 53.8	634	182	
1900	9	23 42.43	39 20 49.7	634	181	
1902	9	23 45.10	45 13 10.7	654	44	
1903	9½	23 45.85	38 35 33.1	617	230	
1904	8½	23 47.14	48 34 45.2	171	28	
	8½	47.28	44.9	618	215	
1905	8	23 47.75	69 5 39.7	238	104	
	8	47.90	38.8	238	107	
1906	9	23 47.88	51 19 4.1	569	83	
1907	9	23 47.99	43 40 35.1	627	217	
1908	9½	23 51.05	31 13 39.4	252	110	
1909	8½	23 52.55	37 17 21.8	615	226	
1910	9	23 52.75	56 27 42.3	253	86	
	9	52.82	43.7	645	51	
1911	7½	23 53.25	52 58 19.6	256	72	
	7	53.29	20.7	571	68	
1912	9	23 53.95	59 58 43.8	632	138	
	9	54.06	45.3	241	144	
1913	7	23 54.95	44 57 8.9	637	151	
	7	55.05	6.7	168	46	
1914	9½	23 55.15	56 26 38.4	253	85	
	9	55.45	38.7	645	49	
1915	7½	23 55.24	57 33 0.0	647	63	
1916	8½	23 57.25	63 5 10.7	236	89	
	9	57.32	11.8	236	91	
1917	8	23 57.83	49 6 32.3	171	30	
	8	58.01	29.5	618	214	
1918	8½	23 58.25	59 41 59.3	552	110	
	9	58.39	61.0	632	140	
	8	58.60	61.5	272	1	
1919	9½	23 58.68	53 41 34.2	259	80	
1920	9	23 59.05	48 39 9.6	171	29	
	9	59.13	11.5	618	216	
1921	8½	23 59.38	58 23 21.7	262	46	
1922	9	23 59.83	55 18 38.5	643	62	
	9	59.86	40.8	641	73	
1923	9½	24 0.37	53 45 33.2	259	82	
1924	7½	24 0.67	44 57 15.9	168	47	
	7	0.70	15.4	637	150	
1925	9	24 1.27	27 15 15.0	582	41	
	9½	1.29	18.3	639	58	
1926	7	24 1.66	64 23 17.3	557	76	
1927	9	24 1.70	54 1 28.2	567	67	
	9	1.96	27.9	564	67	
1928	8	24 2.29	54 47 23.5	249	81	
	8	2.33	23.6	249	79	
	8	2.43	23.7	641	72	
1929	8	24 2.41	33 7 33.3	653	50	
1930	9	24 2.75	48 56 30.4	171	32	dpl. III. pr.
1931	8½	24 2.82	40 8 56.8	629	178	
1932	9	24 3.07	39 18 13.4	634	183	
	9	3.44	12.2	619	16	
1933	8½	24 3.76	43 15 37.4	627	218	
1934	9½	24 3.88	53 3 39.5	256	73	
1935	9	24 3.91	27 53 32.1	649	82	
1936	5	24 5.30	35 24 18.5	268	47	
1937	8	24 5.56	27 10 40.1	639	57	
	8	5.62	39.8	582	40	
1938	9	24 7.93	45 30 8.5	654	47	
	9	8.14	7.9	168	49	
1939	8½	24 8.10	38 27 44.2	617	231	
1940	7	24 8.37	26 2 47.4	153	51	
1941	9½	24 9.00	53 45 23.5	259	81	
1942	8½	9 24 9.80	42 15 44.8	625	208	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1943	8	9 24 10.22	53 22 28.5	564	69	
	8½	10.31	29.8	256	75	
1944	9	24 10.63	47 55 56.1	163	28	
	9	11.00	54.4	163	26	
1945	7½	24 10.66	24 58 49.9	157	27	
	7½	10.81	49.4	150	27	
1946	8	24 11.67	56 47 1.6	647	64	
	8	11.69	4.5	645	53	
1947	9½	24 12.05	37 48 27.0	615	228	
	9	12.28	29.4	617	233	
1948	9	24 12.70	33 30 45.4	653	52	
1949	8	24 13.81	33 28 55.1	265	40	
	8	13.86	53.6	653	51	
1950	9	24 14.31	25 2 35.2	150	28	
	9	14.39	36.0	157	28	
1951	9½	24 14.38	56 27 27.5	253	89	
1952	6½	24 14.47	37 51 25.2	617	232	
	6½	14.59	24.6	615	227	
1953	9	24 15.26	56 28 9.0	253	88	
	9	15.35	12.7	645	52	
1954	9½	24 15.31	45 23 43.8	654	46	
	9	15.32	45.4	168	50	
1955	9½	24 16.68	59 21 51.9	269	6	
1956	9	24 17.31	48 58 4.3	171	31	
1957	9½	24 18.12	54 36 5.0	641	74	
1958	9	24 18.41	55 22 48.8	643	63	
1959	9	24 21.05	58 5 28.5	262	48	
1960	6	24 21.75	26 2 33.1	153	52	
1961	9½	24 22.14	46 52 24.2	655	37	
1962	9½	24 22.17	40 13 34.3	629	179	
1963	9½	24 22.37	58 1 23.3	262	49	
1964	9	24 24.31	57 57 53.2	262	50	
1965	9	24 25.10	62 3 2.0	210	51	
1966	7½	24 25.18	44 15 22.6	637	155	
1967	9½	24 25.49	51 58 31.3	650	71	
1968	9	24 25.50	44 54 36.1	168	48	
	8½	25.82	35.9	637	152	
1969	9	24 26.78	52 51 42.6	256	74	
	9	26.81	40.8	571	67	
	9	26.86	44.6	571	71	
1970	8½	24 26.82	32 45 47.4	252	111	
	8½	26.87	50.2	653	53	
1971	9½	24 28.71	42 27 44.7	625	210	
1972	9	24 28.92	41 46 10.9	620	219	
1973	7	24 29.15	27 41 46.1	639	60	
	7	29.29	44.4	582	43	
1974	7½	24 30.33	79 51 22.2	173	13	
1975	8½	24 30.42	68 43 33.2	238	106	
1976	9	24 30.60	73 53 0.4	636	101	
1977	9½	24 31.85	56 15 13.3	253	91	
1978	9½	24 32.65	46 18 40.7	168	51	
1979	8½	24 33.54	47 44 29.4	163	27	
1980	9	24 34.27	34 47 43.1	265	39	
1981	7	24 34.66	42 38 31.7	625	209	
1982	9½	24 34.96	56 24 7.7	253	90	
1983	9	24 35.40	43 2 7.9	627	219	
	9	35.56	5.6	245	1	
1984	9½	24 35.68	39 19 19.7	634	184	
1985	7	24 36.54	43 59 33.7	637	153	
	7	36.55	33.2	627	222	
1986	7½	24 36.73	28 2 46.8	649	83	
1987	9½	24 37.13	31 28 2.1	651	44	
1988	9½	24 38.18	42 28 32.7	625	211	
1989	9½	24 38.60	51 35 22.1	569	84	
1990	9	24 38.70	31 0 0.5	651	46	
	9	38.93	0.1	160	44	
1991	9	9 24 40.02	27 7 60.6	639	59	
	8½	40.10	56.0	582	42	
	9	40.29	59.5	153	53	
1992	8½	9 24 41.00	24 28 28.1	150	30	
	8½	41.38	28.1	157	29	
1993	9½	24 41.22	40 28 52.3	629	181	
1994	8½	24 42.08	41 21 47.1	620	220	
1995	8½	24 42.27	39 25 32.2	619	18	
	8½	42.38	31.9	634	186	
1996	9½	24 43.92	57 19 50.3	647	65	
1997	9½	24 44.52	60 1 55.2	241	146	
	9½	44.54	54.0	632	139	
	9	44.81	53.6	272	2	
1998	8½	24 45.28	27 38 25.1	639	62	
	8½	45.38	24.7	582	44	
1999	8	24 45.31	29 35 47.0	160	42	
2000	7	24 46.33	43 59 8.5	627	221	
	7	46.40	9.4	637	154	
2001	8½	24 46.49	39 14 26.7	634	185	
	9	46.63	27.3	619	17	
2002	9	24 46.80	54 18 56.4	259	83	
2003	9½	24 46.88	51 59 46.7	562	82	
2004	9½	24 47.85	54 39 46.0	641	75	
	9	47.88	46.3	249	82	
2005	9	24 49.05	43 19 5.2	627	220	
2006	8	24 50.89	66 1 44.0	557	77	
2007	8½	24 52.38	57 47 18.8	262	51	
2008	9½	24 52.59	27 40 54.2	639	61	
2009	9	24 55.91	53 56 53.0	567	68	
	9½	55.99	53.3	564	70	
2010	8½	24 56.19	52 30 34.2	571	70	
	9	56.34	34.9	562	79	
2011	9	24 57.23	52 0 58.6	569	86	
	9½	57.48	57.7	562	81	
2012	8½	24 58.80	40 28 59.2	629	180	
2013	9	24 59.29	27 6 7.2	639	63	
2014	9½	25 0.27	53 8 13.7	256	76	
2015	9½	25 0.79	53 53 13.7	564	71	
2016	7½	25 1.12	31 0 8.7	651	45	
	7	1.23	10.3	160	43	
2017	9½	25 1.16	45 25 25.0	654	48	
2018	9	25 1.40	45 54 54.1	655	38	
	9	1.57	56.3	654	49	
2019	9	25 1.57	27 9 0.0	639	64	
2020	9	25 1.93	58 56 31.9	552	111	
	8½	2.18	33.2	269	7	
	9	2.27	34.8	269	10	
2021	7½	25 3.02	32 51 19.6	653	54	
	7	3.03	17.4	252	112	
	7½	3.14	21.2	265	41	
2022	9½	25 3.05	54 14 4.5	259	85	
2023	9	25 5.00	49 52 37.7	560	120	
2024	8	25 5.37	51 52 37.7	650	72	
	8	5.42	39.2	569	85	
	8	5.44	38.5	562	80	
2025	7½	25 5.48	43 24 41.9	627	223	
2026	7½	25 5.55	48 9 61.1	171	33	
	8	5.70	58.2	163	29	
2027	7½	25 5.80	25 3 57.6	150	29	
	8	5.83	59.1	157	30	
2028	8	25 7.01	42 40 23.6	245	2	
	8½	7.05	23.6	625	212	
2029	9	25 8.11	36 32 22.1	268	48	
2030	8½	25 9.37	26 51 9.2	639	65	s.pr.
	8½	9.39	7.8	153	54	
2031	8	25 9.81	59 27 47.1	552	113	
	8	10.00	47.5	269	8	
2032	9	25 10.08	26 51 4.1	153	55	n,sq.
2033	9	25 10.60	50 5 48.6	560	122	
2034	7½	25 11.33	44 21 36.8	637	156	
2035	8	9 25 11.41	28 3 18.2	582	45	
	8	11.49	17.6	649	84	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2036	9	9 25 11.78	29 50 0.7	160	45	
2037	7	25 12.35	28 13 1.2	582	46	
	7	12.50	0.2	649	85	dpl. II. s.
2038	9	25 15.12	49 46 28.2	560	121	
2039	8½	25 15.16	57 11 42.3	647	66	
2040	9½	25 15.18	28 8 22.5	649	86	
2041	9	25 16.56	55 42 21.2	643	64	
2042	8	25 17.99	50 3 21.3	560	123	
2043	8½	25 18.23	54 14 53.4	567	69	
	8½	18.33	55.7	259	84	
2044	9½	25 18.73	71 35 7.5	636	104	
	10	19.43	9.8	184†	53	
2045	8½	25 19.94	39 47 51.9	634	187	
	8	20.11	53.3	619	19	
2046	9½	25 20.79	36 25 13.2	268	49	
2047	9½	25 23.04	36 27 57.6	268	50	
2048	7	25 24.56	31 20 28.4	252	115	s.pr.
	7	24.73	30.5	651	48	
2049	9½	25 24.78	41 40 5.4	620	221	
2050	6½	25 25.13	31 20 22.4	651	47	
	6½	25.19	19.5	252	114	n.sq.
2051	9	25 25.63	53 2 53.3	571	73	
	9	25.90	54.2	256	77	
2052	9	25 26.00	58 57 13.6	269	9	
	9	26.04	11.3	552	112	
2053	9½	25 27.13	37 41 18.3	615	231	
2054	9	25 27.58	42 39 36.0	245	3	
	9	27.59	36.4	625	213	
2055	8½	25 28.63	24 33 48.7	150	31	
	8½	28.79	49.5	157	31	
2056	9	25 29.17	52 53 47.7	256	78	
	9	29.36	48.0	571	72	
2057	8	25 29.32	24 17 26.4	150	32	
	8½	29.45	26.7	157	32	
2058	9	25 29.39	54 21 4.3	249	84	
	9	29.57	3.8	641	76	
2059	9	25 31.95	69 25 2.7	238	109	
2060	9½	25 32.34	32 1 21.8	252	113	
	9½	32.56	23.7	653	55	
2061	9	25 32.39	37 48 47.4	615	229	
2062	9	25 33.49	69 6 22.9	238	108	
2063	9	25 34.01	36 5 43.6	268	51	
2064	9	25 34.49	56 52 25.9	647	67	
2065	8½	25 34.86	63 22 32.8	557	78	
	8½	35.20	33.7	236	90	
2066	8½	25 36.24	59 53 35.6	241	147	
	8	36.25	35.4	552	114	
	8½	36.35	33.8	632	141	
	8	36.45	34.6	269	11	
	8½	36.55	35.3	272	3	
2067	9½	25 36.82	46 23 45.9	168	53	
2068	8	25 36.85	44 18 40.7	637	158	
2069	8	25 38.17	54 10 28.2	567	70	
	8½	38.34	30.6	259	86	
2070	6½	25 38.62	61 43 35.0	210	52	
2071	9	25 39.31	71 27 40.4	636	103	
2072	8	25 39.31	55 59 22.6	253	93	
	8	39.38	21.8	249	83	
	8	39.48	21.3	643	65	
2073	9½	25 41.36	60 5 36.8	632	143	
	9	41.42	38.5	241	148	
	9½	41.51	39.6	241	149	
2074	7½	25 41.78	23 47 36.2	150	33	
2075	9	25 41.82	41 36 40.2	620	222	
2076	9	25 43.20	44 44 56.8	637	159	
2077	8½	25 43.79	37 51 56.8	615	230	
	8½	43.84	59.0	617	234	
2078	9½	9 25 44.01	56 21 6.3	645	55	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2079	9	9 25 44.18	77 51 37.3	173	15	
2080	9	25 44.76	56 20 24.5	645	54	
2081	8½	25 44.77	31 28 6.6	651	49	
2082	9	25 45.16	62 40 2.1	236	92	
2083	9	25 46.07	28 2 29.3	649	87	
	9	46.08	28.3	582	47	
2084	4	25 46.77	39 55 13.3	619	20	
	4	46.82	11.3	634	189	
	4	46.86	12.6	629	183	
2085	8	25 46.90	53 52 59.6	567	71	
	8½	47.10	59.9	259	87	
	8½	47.16	60.2	564	72	
2086	8	25 47.05	44 19 42.7	637	157	
2087	9	25 47.19	46 15 54.6	655	39	
	9	47.33	52.8	168	52	
2088	9	25 48.54	60 29 9.7	272	4	
2089	8½	25 48.83	40 50 52.4	620	223	
2090	6	25 49.66	50 58 9.1	650	76	
2091	8	25 50.91	75 13 41.6	189†	67	
2092	9½	25 51.55	60 10 30.1	632	142	
2093	6	25 51.78	71 3 33.5	238	110	
	6	51.79	32.5	636	105	
	6	52.19	35.1	184†	54	
2094	9½	25 51.80	50 6 22.0	560	124	
2095	7½	25 52.94	45 1 19.1	168	55	
	7½	53.07	19.5	654	50	
2096	8½	25 53.66	58 40 57.6	579	1	
2097	8½	25 53.85	38 42 30.0	617	235	
2098	8½	25 54.19	39 52 31.7	634	188	
	9	54.22	33.8	619	21	
	8½	54.63	32.4	629	182	
2099	9	25 54.77	73 12 13.5	189†	68	
2100	9	25 54.93	45 13 57.0	654	51	
2101	9½	25 55.12	54 34 11.9	641	77	
2102	9	25 55.46	52 15 11.2	650	73	
	9	55.47	9.8	562	83	
2103	7½	25 58.13	57 45 6.6	262	52	
2104	9	25 58.20	31 23 54.3	252	117	
	9	58.51	54.9	651	51	
2105	9	25 59.84	49 45 44.2	560	125	
2106	9	25 59.87	52 10 33.4	562	84	
	9	59.99	34.1	650	74	
2107	9½	26 1.36	55 28 49.3	643	67	
2108	9	26 1.71	54 19 16.4	567	73	
2109	8½	26 3.51	47 3 26.7	163	30	
2110	9	26 3.79	51 42 20.5	569	88	
2111	6½	26 3.81	66 9 22.4	557	79	
2112	9½	26 5.70	51 51 12.0	569	89	
2113	8	26 6.18	51 45 22.8	569	87	
	8	6.30	23.1	650	75	
2114	10	26 7.33	52 9 4.2	562	85	
2115	8	26 7.88	76 42 31.4	173	17	
2116	9	26 9.19	55 35 32.1	643	66	
2117	10	26 10.05	33 58 11.5	265	43	
2118	9½	26 10.39	26 7 26.0	639	66	
2119	10	26 11.02	70 47 15.5	238	113	
2120	6½	26 11.48	31 19 16.8	252	116	
	6	11.64	17.1	651	50	
2121	9½	26 11.96	48 44 52.6	171	34	
2122	8½	26 12.17	38 23 6.4	617	236	
2123	8½	26 13.21	54 23 21.9	567	72	
	8½	13.45	22.1	249	85	
	8½	13.47	22.4	641	78	
2124	9	26 14.67	57 0 10.3	647	72	
	9	14.72	7.5	253	94	
2125	9½	26 15.65	46 42 39.4	655	40	
2126	9	26 15.84	44 41 58.5	637	160	
2127	9½	9 26 15.94	60 33 9.8	272	5	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
2128	9½	9 26 16.47	56 41 9.7	645	57
2129	9	26 17.06	32 59 13.8	653	56
	9	17.24	10.5	265	42
2130	8	26 17.25	56 57 33.3	647	69
	8	17.29	33.4	253	95
2131	9	26 18.49	56 44 51.1	647	68
	9	18.61	52.5	645	56
2132	8½	26 18.92	33 28 57.8	653	57
2133	6½	26 20.21	35 9 28.8	265	44
2134	9	26 20.88	38 3 11.7	615	232
2135	9	26 21.02	46 49 13.6	655	41
2136	8	26 22.24	36 11 59.9	268	52
2137	9	26 22.71	44 54 45.6	168	56
	9	22.78	44.8	654	52
2138	9½	26 23.17	33 27 8.5	653	58
2139	7	26 24.42	61 48 45.3	210	53
2140	8½	26 25.22	26 35 35.5	639	67
	8½	25.25	35.6	153	56
2141	9	26 26.09	31 14 51.0	252	118
	8½	26.15	50.2	651	52
2142	8½	26 26.30	48 52 3.7	171	35
2143	8	26 29.84	39 43 30.3	619	22
2144	7½	26 29.86	54 40 54.9	567	75
	8	29.88	55.3	249	87
	7½	29.93	56.9	641	79
	7½	30.02	55.8	259	88
2145	8	26 29.90	27 40 9.2	582	48
2146	9½	26 32.00	60 3 15.6	632	144
	9½	32.12	14.6	241	150
2147	8½	26 34.07	45 27 24.4	168	54
2148	9	26 34.20	25 2 18.2	157	33
2149	8½	26 35.16	52 58 25.7	256	79
	8½	35.45	25.8	571	74
2150	8½	26 35.38	41 21 16.2	620	225
2151	9	26 35.76	56 10 45.4	645	58
	9	35.87	44.2	643	68
	9	35.90	43.5	253	92
2152	7	26 36.01	71 14 9.5	238	112
	6½	36.04	8.7	636	107
	7	36.25	9.9	184†	56
2153	9	26 36.30	44 40 56.5	637	161
2154	9½	26 37.00	54 2 51.0	259	91
2155	9	26 37.77	56 50 38.6	647	70
2156	8½	26 37.97	28 29 45.6	649	88
2157	8½	26 38.25	45 3 52.4	654	53
	8½	38.38	52.9	168	57
	8½	38.55	55.8	637	163
2158	9½	26 38.78	61 1 30.2	210	56
2159	9½	26 38.91	57 51 32.8	262	54
2160	10	26 39.69	58 0 26.9	262	55
2161	10	26 39.96	59 44 41.5	632	145
2162	8	26 40.21	31 41 41.0	651	53
2163	9½	26 41.24	41 58 39.1	245	5
2164	8½	26 41.98	33 2 56.1	653	61
	9	42.04	55.4	660	1
2165	9	26 42.85	54 56 42.6	249	89
	9	43.09	42.5	641	82
2166	9	26 43.40	61 19 8.2	210	54
2167	6½	26 44.44	57 48 46.2	262	53
2168	9½	26 44.92	54 22 10.8	249	86
	9½	45.01	12.8	567	74
2169	9½	26 45.68	52 43 46.1	571	75
2170	9	26 46.38	72 56 54.7	189†	69
2171	9½	26 46.45	42 5 24.8	625	214
	9	46.48	26.6	245	6
2172	7	26 47.50	47 24 6.4	163	31
2173	9	9 26 47.95	32 52 57.9	653	59
	8½	47.97	57.8	660	2
	9	48.09	56.0	265	45
2174	9½	9 26 48.66	44 34 47.9	637	162
2175	9	26 48.92	44 56 26.0	637	164
	9	49.11	23.4	654	54
	9½	49.13	23.9	168	58
2176	9	26 49.41	36 18 30.1	268	53
2177	9	26 49.74	26 21 53.6	153	57
2178	7	26 50.21	28 4 39.8	649	89
	7	50.26	39.6	639	68
	7	50.26	38.5	582	51
2179	9	26 50.76	43 44 36.6	627	224
2180	8½	26 53.62	41 56 18.7	625	215
	8½	53.74	18.3	620	224
	8	53.85	16.8	245	4
2181	9	26 54.52	56 39 63.2	647	73
	9	54.55	59.7	647	71
2182	8½	26 57.01	25 52 26.8	153	58
	8½	57.10	24.9	157	34
2183	9	26 57.52	40 50 29.8	620	226
	9	57.63	30.2	619	23
2184	8½	26 58.47	38 23 11.6	617	237
	8½	58.51	12.0	617	239
2185	10	26 58.58	53 7 38.4	564	73
2186	9	26 59.32	71 6 26.9	238	111
	9	59.33	29.0	184†	55
	9	59.50	27.3	636	106
2187	8½	26 59.36	39 10 17.0	617	238
2188	9	27 1.60	50 47 28.4	550	77
	9	1.65	28.4	560	126
2189	9	27 2.19	43 28 9.7	627	225
2190	8½	27 2.84	55 5 16.9	641	81
	8½	2.87	16.6	249	90
2191	8½	27 3.50	78 31 49.0	173	14
2192	9½	27 6.57	58 9 28.0	262	57
	8½	6.66	29.5	579	2
2193	9	27 7.57	46 42 56.0	655	43
2194	9½	27 7.67	56 25 59.2	253	98
	9	7.83	60.7	645	61
2195	9	27 7.89	30 50 15.8	252	119
2196	8	27 8.59	61 14 41.2	210	55
2197	7	27 9.46	26 51 44.9	639	70
	7½	9.50	41.3	582	49
2198	9	27 10.08	46 56 3.4	655	42
2199	9½	27 12.25	27 53 10.0	649	90
2200	9½	27 14.06	32 49 23.7	653	60
2201	9½	27 14.51	27 52 53.4	649	91
2202	8½	27 16.34	53 14 45.5	571	77
	8	16.50	45.8	259	89
	8½	16.62	45.5	564	74
2203	8	27 16.38	55 0 59.9	641	80
	8½	16.41	58.4	249	88
2204	9½	27 16.59	44 53 0.6	637	165
2205	9	27 16.94	46 49 20.9	655	44
2206	8	27 17.18	50 42 2.4	560	127
	8	17.26	1.9	650	78
2207	9	27 18.32	45 14 36.1	168	59
2208	9½	27 19.15	33 26 41.0	265	46
	9	19.21	42.7	660	3
2209	8½	27 19.51	23 14 59.1	150	34
2210	8½	27 19.71	62 57 26.2	236	94
2211	10	27 20.46	37 53 31.2	615	233
2212	9	27 20.53	52 41 19.4	256	80
	9	20.55	19.8	562	88
	9	20.55	19.0	571	76
	9	20.56	22.2	256	84
	9	20.60	18.7	562	86
2213	9	27 20.62	31 26 25.7	651	54
2214	9	27 20.94	58 16 15.9	262	56
	8½	21.00	19.4	579	3
2215	9	9 27 21.44	45 56 45.3	654	55

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2216	6	9 27 21.87	40 5 50.5	619	24	
2217	8	27 21.92	71 52 25.9	189†	72	
	8½	21.98	25.6	184†	57	
	8	21.98	28.0	636	109	
2218	9	27 23.37	23 34 38.0	150	35	
2219	8	27 23.77	27 7 19.9	639	69	
	8	23.99	18.7	582	50	
2220	8½	27 24.37	51 23 16.5	650	79	
2221	9½	27 24.60	51 56 11.5	569	90	
2222	3½	27 25.39	56 29 2.2	645	59	
	3	25.43	2.6	253	96	
2223	9½	27 26.04	52 34 8.1	562	87	
	9½	26.08	7.7	562	89	
	9½	26.19	9.8	256	81	
2224	9	27 26.46	37 45 51.4	615	234	dpl.
2225	9½	27 27.62	40 0 45.4	619	25	
2226	8½	27 28.42	55 52 37.0	643	69	
2227	9½	27 28.70	54 52 57.5	641	83	
2228	9	27 28.82	26 31 58.2	639	71	
2229	9½	27 29.15	58 58 51.4	241	151	
	9½	29.30	52.6	262	58	
2230	9	27 29.44	63 32 3.8	236	93	
	9	29.48	5.7	557	80	
2231	8	27 30.69	47 38 31.9	163	32	
2232	8	27 31.33	40 37 38.7	619	26	
2233	8½	27 32.96	23 35 15.0	150	36	
2234	9½	27 33.59	43 4 21.1	627	226	
2235	9	27 34.39	28 15 22.1	582	52	
	9½	34.58	25.4	649	92	
2236	8	27 34.87	59 54 7.8	269	13	
	8	34.91	6.9	269	12	
	8	34.95	5.9	552	116	
	8½	34.99	6.6	632	146	
	8½	35.02	8.4	241	154	
	8	35.36	7.7	272	6	
2237	9	27 36.83	36 40 21.4	268	54	
2238	8½	27 37.43	41 41 59.2	620	227	
2239	9½	27 38.51	34 38 51.1	265	47	
2240	8	27 38.77	48 50 59.3	171	37	
2241	9	27 39.73	59 21 22.9	552	115	
	9	39.85	23.8	241	153	
	9½	39.92	24.1	269	15	
2242	9½	27 40.61	53 15 29.4	564	75	
	9	40.74	32.3	259	90	
2243	9	27 41.59	48 21 7.2	171	36	
2244	8½	27 42.17	46 35 40.9	655	45	
	8½	42.72	39.6	168	62	
2245	9	27 45.03	76 41 38.4	173	18	
2246	8½	27 45.53	66 39 9.9	557	81	
2247	9½	27 45.54	58 51 44.7	241	152	
2248	9½	27 46.71	72 24 28.1	189†	70	
	9½	46.83	31.3	636	110	
2249	8½	27 47.18	32 30 53.7	653	62	
	8	47.30	54.9	660	4	
2250	9½	27 48.25	49 21 52.6	560	129	
2251	9½	27 50.05	32 27 22.4	653	63	
2252	9½	27 50.13	41 30 21.9	620	228	
2253	9	27 51.53	63 3 35.1	236	95	
2254	9½	27 51.70	41 27 26.3	620	229	
2255	9	27 52.03	59 2 6.8	579	4	
	9½	52.05	4.3	262	59	
2256	9	27 54.39	31 41 31.3	252	120	
	9	54.47	34.2	651	55	
2257	8½	27 54.82	37 36 38.6	615	235	
2258	9	27 56.50	60 40 13.4	241	155	
	9½	56.77	9.0	210	57	
2259	8	27 56.66	52 59 22.6	571	78	
	8½	56.89	22.8	256	82	
2260	10	9 27 59.30	31 41 2.7	252	121	
2261	8½	9 27 59.75	35 51 3.1	268	55	dpl, III.
2262	9½	28 2.83	59 49 19.7	632	147	
	9½	3.15	19.3	272	7	
2263	9½	28 3.49	60 48 20.5	210	59	
2264	9	28 3.72	38 35 28.1	617	241	
2265	8½	28 3.96	59 38 14.2	269	14	
2266	9½	28 4.04	25 50 2.1	157	35	
2267	9	28 4.64	48 56 58.2	171	38	
2268	7½	28 4.90	56 26 11.2	253	97	
	8	4.97	11.2	645	60	
2269	9½	28 5.23	52 14 15.9	650	80	
2270	10	28 5.45	37 39 42.4	615	236	
2271	7	28 5.73	38 34 35.8	617	240	
2272	8½	28 5.84	25 11 20.3	157	36	
	8½	6.00	20.1	153	59	
	8½	6.05	21.5	153	60	
2273	9	28 7.00	42 13 53.9	625	216	
2274	9½	28 7.50	46 0 37.3	654	56	
2275	8	28 9.21	77 8 20.4	173	16	
2276	9½	28 9.33	47 44 20.1	163	33	
2277	9½	28 9.94	42 35 39.5	625	217	
	9½	10.14	38.3	245	7	
2278	9	28 14.38	48 47 23.5	171	39	
2279	9½	28 14.83	53 5 36.6	571	79	
2281	8½	28 18.19	55 27 9.0	249	91	
	8½	18.26	8.4	643	70	
2282	9½	28 18.20	45 12 4.4	168	61	
	9	18.36	6.4	654	60	
2283	9½	28 19.57	53 32 3.1	564	76	
2284	8½	28 19.96	57 7 45.6	647	74	
2285	10	28 21.68	42 23 46.5	625	218	
2286	9½	28 22.71	24 14 40.3	150	37	
2287	9	28 23.11	45 10 41.8	637	166	
	9½	23.17	41.0	654	59	
	9	23.32	41.8	168	60	
2288	9½	28 23.45	52 8 49.4	569	91	
2289	8½	28 23.66	53 42 9.0	259	95	
	8½	23.73	7.3	564	77	
2290	8½	28 23.74	49 27 2.8	560	130	
	7½	23.87	1.8	560	128	
2291	9	28 24.38	35 8 29.4	265	48	
2292	9	28 24.56	38 48 43.3	617	242	
2293	9½	28 25.02	50 52 35.5	650	83	
2294	9	28 25.48	71 53 15.2	189†	71	
	9	25.69	17.2	184†	58	
	9	25.72	14.4	636	108	
2295	10	28 25.52	46 1 56.5	654	58	
2296	9	28 26.00	28 13 15.1	649	93	
	9	26.04	19.2	582	54	
2297	9½	28 28.19	50 51 22.7	650	82	
2298	9½	28 29.55	60 4 27.0	632	149	
2299	8½	28 30.21	52 48 55.7	571	80	
	8½	30.25	55.7	256	83	
2300	8	28 30.75	44 39 16.8	637	167	
2301	8½	28 31.30	44 57 41.0	654	61	
	8½	31.39	41.0	637	168	
2302	9	28 31.71	46 12 40.6	655	47	
2303	9	28 32.37	46 1 58.2	655	46	
	9	32.51	58.1	654	57	
2304	9½	28 33.42	51 19 42.2	650	81	
2305	9½	28 33.81	42 4 60.7	625	220	
	9½	33.97	59.1	620	230	
2306	8½	28 34.42	30 17 33.8	651	56	
2307	8½	28 34.50	29 10 59.4	582	53	
	8½	34.67	58.2	160	46	
2308	9	28 34.51	46 45 7.4	168	63	
	9	34.76	7.5	168	64	
2309	8	9 28 35.67	32 23 51.6	660	5	
	8	35.75	48.5	653	64	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2310	9½	9 28 35.86	52 34 53.8	562	91	
2311	9½	28 36.11	49 8 20.9	171	40	
2312	8	28 36.75	56 34 48.4	645	62	
	8½	36.87	47.7	253	99	
2313	8	28 36.96	31 23 24.9	252	123	
	7½	37.19	25.6	651	57	
2314	9	28 37.33	36 22 36.2	268	58	
2315	7½	28 39.20	31 28 8.5	651	58	
	8	39.27	7.1	252	122	
2316	7	28 39.65	54 16 38.9	567	77	
	7	39.71	41.3	658	2	
	7	39.79	38.0	259	93	
2317	8½	28 40.09	53 29 30.9	564	78	
2318	9½	28 40.52	52 32 42.1	562	90	
	9½	40.69	42.5	256	85	
2319	9	28 40.89	67 37 50.6	238	114	
2320	9	28 41.15	29 20 51.2	649	96	
2321	8½	28 41.44	42 2 22.1	620	231	
	8½	41.55	21.3	625	219	
2322	7½	28 41.87	60 40 54.9	241	156	
	7	41.92	53.4	210	58	
2323	9½	28 42.31	71 43 53.3	189†	73	
	9	42.60	56.3	184†	59	
	9	42.77	53.3	636	111	
2324	9	28 42.33	28 0 21.1	639	72	
	9	42.42	20.8	649	94	
2325	9½	28 43.46	54 38 55.8	567	76	
	9½	43.67	58.9	641	84	
2326	8½	28 44.61	57 23 32.7	263	1	
	8½	44.61	31.7	647	75	
2327	9½	28 45.44	49 11 43.7	171	42	
2328	9½	28 46.64	56 5 19.2	643	72	
2329	9	28 46.92	37 49 57.6	615	237	
2330	7½	28 46.97	56 58 6.6	253	104	
	7½	47.04	6.9	647	76	
2331	8	28 47.06	63 41 9.1	236	96	
2332	8	28 48.85	54 2 33.2	259	94	
	8	49.01	34.3	658	1	
2333	8½	28 49.34	23 58 52.7	150	38	
	8½	49.55	52.8	157	38	
2334	9	28 49.86	58 17 59.6	579	5	
2335	9	28 51.33	33 44 55.8	653	65	
2336	9	28 51.78	29 20 47.2	649	95	
2337	9	28 52.07	27 37 22.9	639	73	
	9	52.37	21.9	582	55	
2338	9	28 52.25	35 35 10.0	268	56	
2339	9½	28 52.45	60 31 26.2	632	148	
2340	8½	28 52.88	47 21 7.5	163	34	
2341	9½	28 56.87	55 23 2.1	249	93	
2342	7½	28 57.76	56 32 24.3	253	101	
	8	57.82	25.7	645	63	
2343	9½	28 57.77	54 17 20.2	567	78	
	9½	57.83	20.0	259	92	
2344	9½	28 58.97	55 16 20.5	249	92	
	9	59.06	20.2	643	71	
2345	9	29 0.00	51 46 8.5	569	93	
	9	0.05	9.1	650	84	
2346	9½	29 0.57	32 0 59.8	660	6	
2347	7	29 2.21	66 9 58.2	557	82	
2348	8½	29 3.26	24 35 27.8	157	37	
2349	9½	29 3.75	33 44 39.0	653	66	
2350	8½	29 4.62	52 16 37.1	256	86	
	8½	4.76	37.7	562	93	
2351	9½	29 4.86	43 45 19.6	627	227	
2352	9	29 5.18	25 21 18.7	153	61	
2353	9	29 5.23	23 37 59.6	150	39	
2354	7½	9 29 5.26	59 58 10.7	241	157	
	7½	5.34	8.7	632	150	
	7½	5.37	9.1	272	8	
2355	8½	9 29 5.28	33 10 43.5	265	49	
	8½	5.30	42.5	623	1	
	8½	5.32	44.2	653	67	
	8½	5.34	44.7	660	7	
2356	9	29 7.38	33 6 42.1	623	2	
	9	7.44	45.7	660	8	
	9	7.49	42.6	653	68	
	9	7.52	43.3	265	50	
2357	9½	29 7.90	52 54 0.5	256	87	n. pr.
	9½	8.00	1.6	571	82	
2358	9½	29 8.23	45 20 18.6	654	62	
	9½	8.29	15.6	168	65	
2359	9½	29 8.35	71 16 32.0	636	113	
	9½	8.74	29.3	189†	74	
2360	9½	29 9.33	52 54 10.9	571	81	s. sq.
2361	9½	29 9.41	28 21 24.1	649	98	
2362	9	29 9.95	26 30 47.6	153	62	
2363	9	29 11.76	36 16 22.1	268	57	
2364	9½	29 12.00	52 52 59.7	571	84	
2365	8½	29 12.45	67 56 30.6	238	115	
2366	8	29 12.47	49 12 5.9	171	41	
2367	9½	29 13.56	54 42 29.2	641	85	
2368	9	29 14.16	37 31 53.2	615	238	
2369	8½	29 15.35	58 48 4.9	579	6	
2370	5	29 15.56	48 27 1.0	171	44	dpl.
	6	15.72	0.2	163	35	
2371	9	29 16.63	56 30 6.1	253	100	
	9	16.83	8.4	645	64	
2372	9½	29 18.89	56 35 43.7	645	66	
	9½	18.95	41.5	253	102	
2373	9	29 19.00	42 4 9.8	625	221	
	9	19.27	7.7	620	232	
2374	8	29 19.37	49 10 12.4	171	43	
2375	9	29 19.53	51 32 14.4	569	92	
2376	9½	29 20.01	41 43 21.2	620	233	
2377	8½	29 20.51	36 51 57.9	615	239	
	8½	20.55	59.4	606	1	
	9	20.68	57.9	268	59	
2378	8½	29 20.79	40 30 4.3	619	30	
2379	9	29 21.41	38 49 47.9	617	243	
	9	21.68	48.0	619	27	
2380	9	29 21.70	67 47 23.9	238	116	
2381	8½	29 21.88	41 14 25.9	620	234	
2382	9	29 23.11	40 51 55.9	620	235	
	9½	23.31	52.3	245	8	
2383	9	29 23.51	27 49 16.0	639	75	
	9	23.72	13.1	582	56	
2384	9	29 24.69	52 41 29.0	562	92	
2385	9	29 25.75	71 1 39.9	636	112	
	9	25.86	38.1	189†	76	
	9	26.31	40.7	184†	60	
2386	9	29 26.62	52 47 24.3	256	88	
	9	26.70	22.5	571	83	
2387	9	29 27.48	28 19 18.1	649	97	
	8½	27.73	15.7	582	57	
2388	8½	29 27.86	38 52 27.3	617	244	
	8½	27.86	26.8	619	28	
2389	9	29 29.42	44 12 34.5	637	169	
2390	7½	29 29.78	57 19 40.5	253	106	
	7½	29.79	39.3	647	77	
2391	8	29 31.51	39 54 37.0	619	29	
2392	9	29 31.96	26 47 46.4	639	74	
2393	9	29 32.00	71 12 60.7	184†	61	
	8½	32.12	59.1	189†	75	
	8½	32.12	59.8	636	114	
2394	8½	29 32.82	23 17 20.3	150	40	
2395	7	9 29 32.91	57 24 29.2	647	78	dpl. I. c.
	7	33.00	31.4	263	2	
	7½	33.06	31.1	253	105	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2396	9	9 29 37.87	22 53 27.5	150	41	
2397	9	29 38.74	53 15 58.8	564	79	
2398	8½	29 38.83	64 56 23.5	557	83	
2399	8	29 40.30	53 29 4.8	259	96	
	8	40.34	4.0	564	80	
2400	9	29 40.70	31 48 11.1	623	3	
	9	40.73	11.4	252	125	
	9	40.76	15.1	653	71	
	9	40.85	12.3	651	59	
2401	7½	29 40.97	33 48 39.8	653	69	
	7½	41.07	40.4	660	9	
	7½	41.07	38.1	587	1	
	8	41.09	35.9	265	51	
2402	9	29 41.91	36 43 26.0	268	61	
2403	9	29 42.96	36 42 15.9	268	60	
2404	9½	29 43.49	53 0 22.8	571	86	
2405	8	29 45.92	64 49 22.9	557	84	
2406	8½	29 46.42	53 4 46.3	571	85	
2407	9	29 46.90	30 52 0.9	252	124	
	8½	46.98	4.6	623	5	
	8½	46.99	1.6	160	48	
2408	8	29 48.83	57 49 50.8	263	3	
2409	5½	29 48.92	50 41 58.3	650	85	
	5½	49.07	57.3	560	131	
2410	9½	29 51.36	54 37 11.3	567	79	
	9½	51.40	12.0	567	81	
	9½	51.47	13.8	658	3	
	9½	51.55	12.4	641	86	
2411	8½	29 51.92	77 42 21.5	173	21	dpl. III. n. pr.
2412	9	29 52.46	57 8 48.1	647	79	
	8½	52.64	49.3	253	107	
2413	9	29 52.78	56 36 25.5	253	103	
	9	52.80	28.0	645	65	
2414	9	29 52.98	31 52 10.5	651	60	
	8½	52.99	9.8	653	70	
	9	53.13	8.7	623	4	
2415	9	29 54.60	50 2 44.1	560	132	
2416	9½	29 56.47	25 30 57.4	157	39	
2417	8	29 57.20	37 32 26.6	606	2	
	8½	57.34	24.3	615	240	
2418	7½	29 57.70	44 15 33.8	637	170	
2419	9	29 59.95	41 33 42.7	245	11	
2420	7	30 0.12	35 15 59.9	268	62	
2421	9	30 0.45	53 35 56.3	259	97	
	9	0.55	56.5	564	81	
2422	8½	30 1.87	69 22 37.5	238	121	
2423	10	30 4.55	58 53 20.4	579	7	
2424	9	30 5.55	38 21 55.0	617	245	
2425	9	30 5.91	30 12 27.5	160	47	
2426	9	30 8.13	54 1 41.7	567	80	
	9	8.18	45.3	658	4	
2427	9½	30 9.91	59 32 25.9	269	16	
2428	9	30 10.36	25 19 24.2	153	63	
2429	8	30 10.82	44 40 28.9	637	171	
2430	9½	30 12.91	43 5 48.6	625	222	
	9½	13.05	51.1	625	223	
2431	9	30 12.95	60 33 61.6	241	159	
	9	12.96	60.8	210	61	
	9½	13.15	61.5	632	153	
	9	13.22	58.5	272	9	
2432	9	30 13.60	40 50 38.3	620	236	
	9	13.65	38.9	619	32	
	9	13.66	36.8	245	9	
2433	10	30 13.79	59 50 25.0	632	151	
2434	9	30 14.53	44 0 55.1	627	228	
2435	8½	30 15.34	49 51 29.7	560	135	
2436	7½	9 30 16.73	60 4 19.7	632	152	
	7½	16.87	19.1	241	158	
	7½	16.97	20.0	272	10	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2437	9½	9 30 18.59	35 15 32.1	268	63	
2438	8½	30 20.33	38 20 40.4	617	246	
2439	9	30 20.69	55 39 8.7	643	73	
2440	8	30 20.96	38 20 41.4	606	3	
2441	9	30 23.37	46 28 14.3	655	48	
	9	23.48	14.8	168	68	
	9	23.50	13.5	168	66	
2442	9	30 24.40	57 17 47.3	647	80	
2443	9	30 25.51	52 12 4.8	562	94	
2444	8½	30 26.00	50 0 18.7	560	133	
2445	8	30 26.54	40 54 57.9	245	10	
	8½	26.63	61.4	619	31	
	8½	26.76	59.4	620	237	
2446	8½	30 26.82	25 21 21.6	157	40	
	8½	26.92	24.5	153	64	
2447	9	30 27.48	28 51 6.6	649	99	
	8½	27.77	6.5	582	58	
2448	8	30 28.01	54 48 49.1	641	87	
	8½	28.17	46.0	249	94	
2449	8	30 28.59	51 28 17.7	569	94	
2450	9½	30 28.75	60 25 46.3	210	60	
	9½	28.83	48.3	632	154	
2451	9	30 29.46	53 31 1.3	259	98	
	9½	29.53	0.3	564	82	
2452	9	30 29.81	44 3 24.4	637	173	
	9	29.81	23.8	627	229	
2453	9½	30 30.23	40 53 37.7	620	238	
2454	8	30 30.42	48 19 54.1	171	45	
	8	30.51	54.4	163	36	
2455	7	30 30.60	26 57 47.1	639	76	
	7½	30.64	48.8	582	59	
2456	8½	30 31.25	38 17 6.4	617	247	
	9	31.40	6.1	606	4	
2457	9½	30 31.63	44 18 57.7	637	172	
2458	8½	30 32.21	56 17 6.6	645	67	
2459	8½	30 32.28	51 36 14.6	569	96	
2460	9	30 33.99	33 56 56.2	653	72	
	8½	34.20	55.9	587	2	
2461	8	30 34.12	25 24 13.1	153	65	
	8	34.36	9.5	157	41	
2462	9	30 34.56	50 1 58.4	560	136	
	9	34.56	56.7	560	134	
2463	9½	30 35.25	54 40 23.7	567	82	
	9	35.31	22.3	259	99	
	10	35.36	22.1	249	96	
2464	8½	30 36.97	62 55 1.6	236	97	
2465	9	30 37.23	57 52 7.2	263	4	
2466	8½	30 37.44	62 40 30.2	236	98	
2467	8½	30 37.64	39 20 43.9	619	33	
2468	8½	30 39.33	30 40 27.0	651	61	dpl. II. n. pr.
	8½	39.70	26.9	160	49	
2469	6	30 39.45	72 31 35.0	189†	80	
	6	39.70	35.6	184†	66	
	6	39.83	37.5	636	119	
2470	8½	30 39.84	30 40 32.0	651	62	s. sq.
2471	8	30 40.14	71 54 48.0	189†	77	
	8	40.62	48.8	184†	62	
	8	40.80	50.1	636	118	
2472	8½	30 41.30	51 20 40.9	569	95	
2473	9½	30 41.73	56 5 0.3	643	74	
2474	9½	30 42.20	72 4 27.4	189†	79	
	9½	42.83	28.6	636	116	
	9½	43.19	27.4	184†	65	
2475	9½	30 42.86	43 18 44.3	627	230	
2476	8½	30 43.92	68 0 38.0	238	117	
2477	8½	30 44.80	47 31 28.9	163	38	
2478	8	9 30 46.32	55 55 57.9	249	95	
	8	46.40	58.5	643	75	
	8½	46.44	60.2	645	68	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2479	9	9 30 46.41	70 51 17.6	238	122	
2480	8½	30 46.61	48 34 24.3	171	46	
2481	9	30 47.46	50 37 38.0	650	86	
2482	8½	30 49.00	45 33 14.1	654	63	
2483	5	30 49.41	58 40 21.2	579	8	
2484	9	30 49.55	47 13 33.6	168	67	
2485	9½	30 50.14	45 58 41.4	168	69	
2486	9½	30 50.94	32 44 39.9	660	10	
2487	9	30 52.09	48 26 44.4	171	47	
	9	52.54	44.8	163	40	
2488	7	30 55.96	24 8 44.7	150	42	
2489	8	30 56.73	61 53 46.1	210	62	
	9	56.81	48.7	236	99	
2490	8	30 56.89	26 45 42.9	153	67	
2491	9	30 58.97	27 31 50.5	639	77	
	9	59.00	51.8	582	61	
2492	9	30 59.00	28 44 46.3	649	100	
2493	9	31 0.19	35 28 29.4	268	64	
2494	9	31 0.23	54 2 48.4	658	5	
2495	8½	31 0.26	27 24 15.0	639	78	
	8	0.48	14.7	582	60	
2496	9	31 0.52	45 30 31.6	654	64	
2497	9	31 0.99	38 2 19.3	617	248	
	9½	1.14	18.4	615	241	
	9½	1.19	18.0	615	242	
2498	9½	31 1.12	59 50 23.6	269	17	
	9½	1.26	23.3	272	11	
2499	9	31 3.58	58 1 42.0	263	5	
2500	9	31 5.61	46 14 15.9	655	49	
2501	8½	31 5.74	33 2 32.1	623	6	
	8½	5.86	31.2	653	73	
	8½	5.96	31.4	265	52	
	8½	6.03	34.4	660	12	
2502	8½	31 6.34	47 57 16.9	163	37	
2503	9½	31 8.81	41 43 41.2	245	13	
	9½	8.83	40.9	620	239	
2504	8½	31 9.25	48 21 42.9	171	48	
	8	9.35	45.7	163	39	
2505	9	31 11.32	29 55 40.7	649	101	
2506	9½	31 11.49	59 13 23.9	241	160	
2507	9½	31 11.71	53 42 51.0	259	101	
	9½	12.03	49.2	564	84	
2508	8½	31 12.23	35 44 25.4	268	65	
2509	10	31 15.17	52 22 39.7	562	95	
2510	9½	31 15.37	43 59 24.6	637	174	
2511	9	31 15.93	31 41 4.9	623	7	
	9	16.05	3.5	651	63	
2512	9½	31 17.49	69 10 35.1	238	120	
2513	9½	31 17.91	53 41 4.9	259	102	
2514	9	31 18.17	27 28 55.8	639	79	
2515	7	31 18.49	26 17 53.5	639	80	
	8	18.54	52.2	153	66	
2516	9	31 18.60	44 3 40.2	637	176	
	9	18.67	39.7	627	231	
2517	10	31 18.61	51 6 43.0	650	87	
2518	9½	31 18.67	53 41 1.2	564	83	
2519	9	31 18.89	41 17 53.2	620	242	
2520	9	31 19.22	44 7 14.9	627	233	
	9½	19.36	12.8	637	177	
2521	9	31 19.78	43 21 30.3	627	234	
2522	9½	31 19.89	58 29 22.0	579	11	
2523	9	31 19.96	69 2 27.6	238	118	
2524	9	31 22.39	41 39 16.0	620	240	
	9	22.41	14.1	245	12	
2525	6½	31 22.97	24 44 14.8	157	43	
	6½	23.23	16.7	150	43	
2526	8	9 31 23.40	32 46 32.3	660	11	
	8	23.44	31.3	653	74	
	8	23.58	31.6	587	3	
2527	9	9 31 24.13	44 2 44.6	627	232	
	9	24.39	43.2	637	175	
2528	9	31 24.96	44 46 34.1	654	66	
2529	9	31 25.46	24 39 17.6	157	42	
	9	25.49	18.2	150	44	
2530	9½	31 25.62	37 57 36.1	615	243	
	9	25.68	38.6	617	249	
2531	9	31 25.98	45 30 55.5	654	65	
	9	26.04	56.6	168	72	
2532	8½	31 28.76	25 31 54.9	157	44	
2533	9	31 31.45	69 8 2.7	238	119	
2534	9	31 31.73	54 23 19.1	567	83	
	9½	31.78	21.4	249	97	
	9½	31.83	22.4	658	7	
	9½	31.93	21.7	641	88	
	9½	32.00	22.2	658	6	
2535	9½	31 32.31	46 54 23.1	655	50	
2536	9	31 33.87	75 9 29.1	173	19	
2537	7½	31 33.94	63 28 22.2	236	101	
	8	34.08	22.4	557	85	
2538	9	31 34.73	44 39 8.6	637	178	
2539	9	31 37.10	52 32 54.0	562	96	
	9	37.22	54.1	256	89	
	9	37.37	55.4	571	87	
2540	9½	31 38.81	35 33 45.2	268	68	
	9½	39.01	46.5	268	66	
2541	8½	31 39.96	53 36 36.6	564	85	
	8½	40.26	34.9	259	100	
2542	8	31 41.19	72 7 8.6	189†	78	
	8	41.41	11.8	636	117	
	8	41.66	10.1	184†	64	
2543	9½	31 41.91	41 31 30.9	620	241	
	9½	41.97	31.1	245	14	
2544	9	31 41.98	42 45 25.1	625	224	
2545	9	31 44.38	45 57 41.4	168	70	
	9½	44.45	40.3	655	51	
	9	44.64	43.3	654	68	
2546	9	31 45.56	77 2 46.7	173	20	
2547	8½	31 45.69	60 12 1.9	632	155	
	9	45.85	2.0	272	12	
	9	45.92	3.6	241	162	
2548	8½	31 45.77	27 57 19.9	582	62	
2549	8½	31 46.22	58 38 47.1	579	9	
2550	9	31 46.36	28 50 37.9	582	66	
2551	8½	31 46.52	51 11 4.7	569	97	
	8½	46.73	6.0	650	88	
2552	7½	31 47.06	29 38 57.8	649	102	
	8	47.31	59.1	160	51	
2553	6	31 47.28	31 37 1.3	623	8	
	6	47.30	1.8	651	65	
2554	9½	31 48.10	33 8 1.6	660	13	
2555	8	31 48.81	65 33 52.1	557	87	
2556	9	31 49.45	39 58 5.1	619	34	
2557	8½	31 49.47	71 34 58.2	184†	63	
	8½	49.63	56.1	636	115	
2558	9½	31 50.13	28 11 28.4	582	64	
2559	9½	31 51.05	42 16 32.4	625	225	
2560	9½	31 51.75	59 19 28.1	241	161	
2561	7½	31 51.77	30 24 33.4	160	52	
	7	51.81	35.4	651	66	
2562	7	31 53.46	48 11 24.2	171	49	
	7	53.54	25.6	163	41	
2563	9	31 55.18	31 37 3.4	651	64	
	9	55.35	3.3	623	9	
2564	9½	31 55.20	28 50 16.6	582	65	
2565	9	31 55.77	58 39 26.5	579	10	
2566	9	31 56.41	37 43 36.8	615	245	dpl. I.
2567	10	31 57.05	56 43 16.6	253	108	
2568	9½	9 31 57.77	36 53 35.9	606	5	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
2569	8½	9 31 57.94	50 57 11.9	560	137
	8	58.05	12.2	650	89
	8	58.15	11.7	569	98
2570	8½	31 58.58	52 39 16.0	562	97
	8½	58.64	18.1	256	90
	8½	58.71	17.3	571	88
2571	8	31 58.83	51 59 4.9	256	93
	8	58.96	4.7	650	90
2572	8	31 59.27	28 3 45.7	582	63
2573	8½	31 59.29	45 46 48.1	654	67
	8½	59.49	47.9	168	71
2574	9	31 59.70	32 43 57.0	623	10
	8½	59.85	58.4	660	14
	8½	59.86	55.7	653	75
	8½	59.92	57.5	587	4
2575	7½	32 0.99	29 14 26.2	649	104
	7	1.35	23.6	160	50
2576	9	32 2.55	37 50 18.7	617	250
2577	9½	32 3.02	33 38 32.3	587	5
2578	8½	32 4.19	64 26 31.9	557	86
2579	9½	32 4.60	40 47 15.8	619	35
2580	9	32 4.60	38 8 3.5	617	251
	9	4.74	1.9	615	244
2581	9½	32 7.36	52 15 46.1	256	91
	9½	7.62	42.6	562	99
2582	9	32 7.51	37 24 47.1	606	6
	9	7.74	44.3	615	246
2583	9	32 9.46	58 55 6.0	269	18
	9	9.78	3.5	579	12
2584	9	32 11.72	61 11 29.5	210	64
2585	8½	32 12.87	61 53 60.3	236	100
	8	13.05	58.0	210	63
2586	9	32 15.16	29 38 38.9	649	103
	9	15.18	38.6	649	105
2587	9	32 15.58	51 58 23.1	256	94
	9	15.73	21.9	650	92
	9	15.78	19.9	562	100
2588	6½	32 15.92	35 32 3.1	268	67
2589	9	32 16.06	34 23 0.2	265	53
2590	9	32 18.07	41 27 35.7	620	244
	8½	18.07	36.3	245	15
2591	8½	32 18.41	25 22 19.7	153	68
2592	8½	32 19.69	42 42 23.5	625	226
	8	19.90	23.1	245	16
2593	9½	32 19.98	56 9 18.0	249	99
	9½	20.27	21.4	643	76
	9½	20.28	19.3	253	110
2594	8	32 20.56	30 7 4.5	651	68
	8½	20.85	4.7	160	53
2595	9½	32 21.02	35 30 47.8	268	69
2596	5	32 21.28	48 47 41.9	171	51
2597	9½	32 22.82	41 23 13.0	620	245
2598	9	32 23.14	41 15 31.4	620	243
2599	9	32 23.24	48 12 41.0	171	53
	8½	23.34	37.0	163	44
	9	23.35	40.7	163	42
	9	23.58	39.6	171	50
2600	9½	32 23.45	43 43 10.4	627	236
2601	8	32 25.60	57 27 59.5	263	6
	8	25.68	59.6	253	109
	8	25.71	59.1	647	81
2602	9½	32 25.90	31 15 6.3	651	67
2603	8½	32 26.65	46 25 48.6	168	73
	8½	26.65	48.4	655	52
2604	9	32 29.29	27 23 49.5	639	83
2605	9½	32 29.98	60 11 21.5	241	163
2606	9½	32 31.21	38 37 50.3	617	253
2607	9	9 32 31.22	51 53 46.0	650	91
	9	31.43	47.0	562	101
	9	31.44	48.9	256	95
2608	9	9 32 32.46	48 8 10.4	163	43
2609	9	32 32.82	43 23 4.7	627	235
2610	7	32 33.78	52 23 11.1	256	92
	7	33.79	8.2	562	98
2611	8½	32 35.37	25 48 38.9	639	81
	8½	35.50	38.1	157	45
	8½	35.51	38.2	153	69
2612	9½	32 35.56	60 16 26.5	632	156
2613	9½	32 38.11	57 8 40.9	647	82
2614	8	32 38.25	44 11 24.0	637	179
2615	9½	32 39.31	55 35 16.5	643	78
2616	9	32 41.22	43 40 36.3	627	237
2617	8½	32 41.37	39 10 35.9	617	252
	8	41.46	37.9	606	8
2618	9½	32 42.51	56 8 51.6	643	77
	9½	42.53	49.8	249	98
	9½	42.58	50.4	253	111
2619	9	32 44.93	37 16 22.7	615	247
	9	45.13	25.0	606	7
2620	9	32 45.89	51 1 58.6	569	100
2621	8½	32 46.04	36 21 57.8	268	70
2622	9½	32 46.50	72 55 28.3	189†	82
	9½	46.88	31.0	636	121
2623	9½	32 46.61	59 29 51.7	260	19
2624	8½	32 47.40	34 30 43.1	265	54
	8	47.83	47.4	274	2
2625	9½	32 47.96	60 30 41.9	241	165
	10	48.14	39.7	272	15
	9½	48.21	38.3	272	13
2626	9	32 49.00	25 25 11.9	153	70
2627	9½	32 50.62	45 53 9.0	654	69
2628	8½	32 52.92	56 34 20.1	645	69
	8½	53.01	18.6	253	112
2629	8½	32 53.08	60 34 20.5	241	164
	8½	53.35	16.4	272	14
	8	53.35	18.7	210	66
2630	8½	32 54.03	39 56 50.5	619	36
2631	9	32 54.14	79 24 17.4	173	22
2632	9½	32 56.18	28 0 45.4	639	84
2633	8	32 56.28	63 59 37.0	557	89
2634	8½	32 57.79	27 25 18.4	639	82
	8½	57.85	19.9	582	68
2635	8	33 1.36	49 26 12.2	171	52
	7½	1.39	12.4	560	139
2636	8	33 1.52	34 52 1.0	587	6
	8½	1.58	1.1	265	55
	8	1.58	2.3	274	1
2637	6	33 1.78	53 6 24.1	259	103
	6	1.84	23.4	571	90
2638	9	33 1.86	53 16 58.1	259	105
	9	2.01	57.4	571	89
	9	2.05	57.2	564	86
2639	9½	33 3.32	63 20 23.4	236	102
2640	9	33 3.45	50 53 53.8	569	99
	9	3.49	53.9	560	138
	9	3.55	55.9	650	93
	9	3.57	56.0	560	140
2641	9½	33 5.84	59 8 14.9	579	13
2642	9	33 6.18	72 56 44.2	189†	81
	8½	6.41	45.6	636	120
	8½	6.56	47.6	636	124
2643	6	33 8.45	42 37 35.9	245	17
	6	8.49	38.0	625	227
2644	9½	33 8.48	55 40 7.1	643	79
2645	9½	33 10.61	56 51 8.0	647	83
	9	10.66	8.6	645	70
2646	7	33 10.88	64 23 26.9	557	88
2647	9	33 15.19	54 16 8.2	567	84
	9	15.38	12.3	658	8
2648	9	9 33 20.70	39 50 30.0	619	37

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2649	9	9 33 20.83	53 3 13.7	571	91	
2650	9	33 21.79	57 25 52.3	647	84	
	9	21.84	52.1	263	7	
2651	8	33 22.16	67 39 1.1	238	125	
2652	9½	33 22.50	44 55 17.1	654	71	
	9½	22.51	17.4	637	182	
2653	9½	33 22.88	53 11 32.1	256	97	
	9½	22.93	30.5	259	107	
	9	22.97	26.7	571	93	
	9½	23.11	30.2	564	87	
2654	9½	33 24.50	28 15 13.5	649	106	
	9½	24.73	10.6	582	67	
2655	9	33 25.19	44 8 40.6	627	240	
	9	25.31	40.3	637	180	
2656	9	33 27.26	31 45 48.9	651	69	dpl. II.
2657	9½	33 28.99	50 59 19.8	569	101	
2658	8½	33 31.26	46 49 26.7	168	74	
	8½	31.48	27.4	655	53	
2659	9½	33 31.82	54 22 39.3	641	89	
	10	31.99	38.3	249	101	
	9½	32.10	37.2	567	85	
2660	8½	33 32.35	45 1 9.3	637	181	
	9	32.37	9.4	654	70	
2661	9	33 32.51	71 1 52.4	238	123	
	9½	32.59	51.6	184†	68	
	9	32.76	53.2	189†	85	
2662	9½	33 33.07	43 31 32.2	627	238	
2663	8½	33 33.76	48 12 34.2	171	54	
	8	34.00	31.9	163	45	
2664	8½	33 33.89	60 49 26.4	210	65	
2665	9	33 35.28	26 14 10.1	639	85	
2666	9	33 36.13	35 57 56.9	268	71	
2667	9	33 36.84	33 11 16.4	623	12	
	9	37.05	19.7	660	15	
2668	7	33 37.46	39 2 54.3	617	255	
	7	37.53	—	606	9	
	7	37.57	53.7	619	38	
2669	9	33 38.64	58 28 22.4	579	14	
2670	9	33 38.74	33 10 59.9	623	11	
	9	38.75	63.2	660	16	
2671	9	33 39.12	38 53 1.3	617	254	
	9	39.19	3.0	606	10	
	9	39.20	2.8	619	40	
2672	9	33 39.29	53 7 4.7	259	106	
	9	39.33	4.4	256	98	
	9	39.39	4.6	571	94	
	9	39.40	4.0	571	92	
	9	39.41	3.8	259	104	
2673	9	33 41.95	43 27 58.5	627	239	
2674	9	33 44.76	59 35 25.7	269	22	
2675	9	33 46.11	46 57 32.2	163	46	
	9	46.13	33.9	655	54	
	9	46.13	34.2	168	75	
2676	9½	33 47.54	54 20 5.6	567	86	
	9½	47.67	3.2	249	100	
2677	9½	33 48.37	54 56 5.2	641	93	
2678	9	33 48.66	79 49 30.9	173	23	
2679	9	33 53.69	45 33 55.0	168	76	
2680	7	33 54.12	53 39 21.5	564	88	
	7½	54.30	21.5	259	108	
2681	9	33 54.33	42 27 44.6	245	18	
2682	9½	33 54.43	33 52 42.3	660	17	
	9½	54.44	37.8	265	56	
	9	54.48	41.5	587	7	
	9	54.55	39.7	274	3	
2683	7½	33 55.00	59 19 40.9	269	21	
	8	55.02	41.3	241	167	
2684	9½	9 33 55.15	33 45 14.3	660	18	
	10	55.27	12.4	265	57	
	9½	55.36	14.4	587	8	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
2685	9	9 33 56.56	54 27 28.8	658	9
	9½	56.63	27.8	567	87
	9½	56.68	28.0	641	91
2686	7½	33 56.88	52 7 45.7	569	102
	8½	56.95	48.9	256	96
	8	56.99	45.7	650	94
	8	57.06	46.0	562	103
2687	9½	33 57.37	28 22 53.7	649	109
2688	9	33 57.57	59 14 12.2	241	168
	9	57.60	9.3	269	20
2689	9	33 59.33	23 59 9.6	157	46
2690	9	34 0.04	31 42 35.8	623	13
2691	9½	34 1.70	55 23 7.2	249	103
	9	1.91	4.8	643	80
2692	9	34 1.72	52 50 34.1	571	96
2693	9	34 2.39	61 4 38.3	210	68
2694	8	34 2.41	38 57 52.9	619	39
	7½	2.45	50.5	606	11
	7½	2.48	50.8	617	256
2695	9	34 3.54	44 55 59.8	654	72
	9	3.75	58.2	637	183
2696	9½	34 4.84	45 19 16.6	168	78
2697	8½	34 6.20	50 14 20.5	560	141
2698	9½	34 6.32	27 25 9.6	639	86
	9½	6.46	8.9	582	69
2699	9½	34 7.55	54 31 19.5	249	102
	9	7.58	21.0	658	10
	9½	7.73	19.6	641	90
2700	9	34 7.55	51 47 38.5	569	104
	9½	7.62	39.6	650	96
2701	9½	34 7.61	27 31 57.3	582	70
2702	8	34 7.99	55 45 28.8	643	81
	8	8.01	29.8	249	104
2703	8½	34 8.15	56 18 11.0	253	114
2704	8	34 8.26	29 18 22.2	649	107
	7½	8.32	23.4	160	54
2705	8	34 9.00	42 18 0.4	245	19
2706	8½	34 9.58	56 18 11.1	645	71
2707	9	34 10.45	56 23 48.3	645	72
	8½	10.62	48.5	253	113
	9	10.77	49.0	245	20
2708	9	34 12.10	23 36 19.0	150	45
2709	9½	34 15.59	60 39 30.3	210	67
	9	15.63	30.0	241	166
2710	9	34 16.96	33 5 57.9	587	10
2711	9½	34 17.07	57 58 17.4	263	9
2712	8½	34 17.45	56 37 35.3	647	87
	9	17.46	33.5	645	73
2713	8	34 18.47	28 20 49.9	649	108
2714	9	34 19.03	46 45 33.2	655	55
2715	9	34 20.17	44 51 43.1	654	73
	9	20.38	42.2	637	184
2716	8	34 20.88	58 50 19.1	241	170
2717	8½	34 21.89	50 59 27.1	650	99
	8½	22.12	24.7	569	106
2718	9	34 23.41	32 22 2.7	623	15
	9	23.61	3.8	660	19
2719	9½	34 23.60	49 31 57.—	171	56
2720	9	34 24.11	51 54 17.9	650	95
	9	24.21	18.1	569	103
	9	24.27	18.0	562	102
2721	10	34 24.59	58 13 40.3	579	15
2722	9½	34 25.29	43 3 49.4	627	241
2723	8½	34 25.97	40 6 34.4	619	41
2724	8	34 25.98	48 29 50.7	171	55
2725	9	34 26.90	55 38 38.2	643	82
	9½	27.00	38.0	249	105
2726	9	34 27.30	24 26 3.7	157	47
2727	10	9 34 27.67	26 21 43.2	639	87

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2728	8	9 34 30.18	32 21 26.8	660	20	
	9	30.19	24.7	623	16	
2729	9½	34 30.50	31 34 50.7	252	127	
2730	9	34 31.76	58 53 33.8	269	24	
2731	9	34 31.98	50 59 9.8	569	105	
	9½	32.00	11.4	650	98	
2732	9	34 32.97	37 9 3.3	268	72	
2733	9½	34 33.12	57 58 53.5	263	8	
2734	8½	34 33.57	56 57 54.5	647	85	n. pr.
2735	9	34 33.80	31 44 58.9	252	126	
	9	33.90	59.0	623	14	
2736	8	34 34.70	56 57 59.9	647	86	s. sq.
	8	34.85	59.4	253	118	
2737	8	34 35.13	29 56 5.2	651	70	
	8	35.15	6.6	649	111	
	8½	35.20	5.9	160	55	
2738	9½	34 36.12	41 1 2.2	619	43	
	9	36.17	1.5	245	22	
2739	9	34 36.14	51 3 22.6	569	107	
	9	36.17	23.1	650	100	
2740	8½	34 38.30	50 16 49.1	560	142	
2741	9	34 38.36	52 52 50.9	571	95	
2742	9	34 38.71	47 32 28.7	163	50	
2743	9½	34 38.91	54 55 14.0	641	92	
2744	9	34 39.12	45 12 37.9	168	77	
2745	9	34 40.77	53 45 39.4	567	88	
	9	40.81	39.4	567	90	
	9	40.83	38.7	564	89	
	9	40.87	39.7	658	11	
2746	9½	34 40.96	44 36 30.8	637	185	
2747	8½	34 42.72	41 5 29.0	245	21	dpl. II. n. sq.
	9	42.74	32.6	619	44	
2748	9½	34 42.79	58 54 35.9	269	23	
2749	9	34 44.33	37 8 49.7	268	73	
	8½	44.56	52.3	606	12	
2750	9	34 44.99	67 24 45.8	238	127	
2751	9	34 45.13	43 44 42.4	627	243	
2752	9	34 45.62	47 12 13.7	655	57	
	9	45.91	12.0	163	48	
2753	8½	34 46.10	47 10 9.1	655	56	
	8½	46.19	9.1	163	47	
2754	9	34 47.02	33 7 40.8	587	9	
	9½	47.07	40.1	265	58	
2755	9	34 47.41	56 14 28.3	645	74	
	9	47.57	28.5	253	115	
2756	8	34 47.52	40 15 30.8	619	42	
2757	7½	34 49.61	58 36 41.4	579	16	
2758	9½	34 49.88	52 23 31.8	562	105	
2759	9½	34 49.94	32 22 7.8	660	21	
2760	9½	34 49.95	53 29 52.4	259	109	
2761	7½	34 50.61	30 21 21.4	651	71	
	8	50.83	20.8	160	56	
2762	9	34 51.09	70 37 44.0	238	124	
2763	9½	34 51.83	56 18 31.1	253	117	
	9	52.05	31.1	645	75	
2764	8½	34 52.35	75 6 27.6	184†	67	
	8	52.54	33.7	189†	83	
	8½	52.77	31.3	184†	71	
	8	52.93	33.3	636	122	
2765	8½	34 53.03	26 14 40.0	639	88	
	8½	53.36	38.6	153	72	
2766	9	34 53.83	43 39 50.3	627	242	
2767	9	34 56.18	25 44 53.0	153	71	
2768	9½	34 57.30	59 42 35.4	272	16	
2769	9	34 58.64	54 54 46.4	641	94	
2770	9	34 59.07	28 58 42.8	582	71	
	9	59.19	43.1	649	110	
2771	8½	35 1.05	42 56 43.1	627	244	
2772	9½	9 35 1.23	31 32 35.1	252	128	
2773	9	9 35 1.53	53 29 18.7	259	110	
2774	9½	35 1.65	46 0 52.1	654	75	s. pr.
	10	1.83	50.3	168	80	
2775	9½	35 2.21	46 0 33.4	655	58	n. sq.
	9½	2.23	32.0	168	79	
	9½	2.34	31.9	654	74	
2776	9½	35 2.46	44 29 25.7	637	186	
2777	9	35 3.70	47 25 34.5	163	49	
2778	9	35 3.98	30 10 17.4	651	72	
2779	9½	35 4.17	45 5 49.2	637	187	
2780	8	35 5.45	47 40 17.9	163	51	
2781	9½	35 5.55	56 21 38.1	645	76	
	9½	5.93	36.5	253	116	
2782	8	35 7.22	52 22 42.2	256	99	
	7½	7.23	41.8	256	102	
	8	7.26	42.2	562	104	
2783	9	35 7.35	63 13 20.5	236	103	
2784	9½	35 7.73	55 32 29.5	249	106	
	9½	7.75	27.5	643	83	
2785	8	35 9.23	61 59 27.2	210	69	
	8	9.36	28.5	236	104	
2786	8½	35 10.63	40 37 37.1	619	45	
2787	9	35 10.95	33 16 15.6	660	22	dpl. I. c.
	8½	11.14	14.2	587	11	
	8½	11.29	12.9	274	4	
2788	9½	35 12.50	54 49 5.9	641	95	
2789	8½	35 16.06	23 35 4.9	150	46	
2790	8	35 17.10	53 41 57.5	259	111	
	7½	17.24	56.7	564	90	
2791	8	35 17.39	57 42 55.1	253	120	
	8	17.56	53.7	263	10	
2792	8	35 17.45	49 34 21.—	171	57	
	8	17.61	18.5	560	145	
2793	7	35 19.07	54 11 14.0	567	89	
	7	19.12	15.4	658	13	
2794	7	35 19.21	63 50 18.3	557	90	
2795	9½	35 19.26	43 55 35.2	627	246	
2796	9½	35 20.88	50 20 45.5	560	144	
2797	9	35 22.49	31 48 9.5	623	17	
2798	9	35 22.65	28 16 48.6	649	113	
	9	22.88	47.5	582	72	
2799	9	35 22.66	31 48 8.5	252	129	
	8½	22.93	10.2	651	73	
2800	9	35 22.83	50 55 37.2	569	108	
	9	22.99	38.7	560	143	
	9	23.01	39.9	650	101	
	9	23.05	35.1	650	97	
2801	8½	35 23.34	66 52 29.3	238	126	
2802	9	35 24.48	53 45 12.1	259	113	
	9	24.56	12.3	658	15	
	9½	24.67	10.1	564	92	
2803	9½	35 24.88	29 59 40.2	649	112	
2804	9½	35 25.34	75 4 40.5	189†	84	
	9½	25.67	39.1	636	123	
2805	8	35 25.45	53 54 42.9	567	91	
	8½	25.57	47.1	259	114	
	8	25.65	46.9	564	91	
	8	25.76	47.4	658	12	
2806	8	35 25.90	52 41 31.1	256	100	
	8½	25.99	31.8	571	97	
2807	9	35 28.84	49 38 55.2	171	58	
	9	29.03	56.1	560	146	
2808	9	35 29.41	71 7 31.3	189†	86	
	9	29.98	34.2	184†	69	
2809	9	35 30.10	27 17 3.9	639	90	
	9½	30.18	4.9	582	73	
	9	30.24	2.7	639	89	
2810	9	9 35 30.47	55 57 13.9	249	107	
	9	30.72	16.9	643	84	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2811	9	9 35 30.63	23 20 52.5	150	47	
2812	8½	35 30.75	56 57 16.2	647	88	
	8½	30.90	17.6	253	119	
2813	8	35 32.11	36 35 30.4	268	74	
2814	9	35 33.99	45 49 9.6	654	78	
2815	8½	35 34.36	59 4 41.2	579	17	
	9	34.41	40.0	241	169	
	8½	34.42	41.3	269	25	
	9	34.44	39.8	241	171	
2816	9½	35 34.63	71 52 34.0	636	125	
2817	5	35 34.80	23 1 25.3	150	48	
2818	9	35 35.38	52 27 34.1	562	107	
2819	9	35 39.17	44 2 4.0	627	245	
	9	39.29	5.1	637	189	
2820	9	35 40.02	32 18 46.3	623	19	
	9	40.05	45.6	660	24	
	9	40.08	46.2	252	130	
2821	9	35 40.80	44 59 32.9	654	76	
	9	40.84	35.7	637	188	
2822	9	35 43.41	53 36 25.9	259	115	
2823	8½	35 47.01	52 49 6.2	256	101	
	8½	47.03	6.4	571	98	
2824	8	35 47.13	63 55 29.6	557	91	
2825	9	35 49.60	46 3 30.6	655	59	
	9	49.60	30.8	654	77	
	9½	49.82	29.3	168	81	
2826	8½	35 49.70	32 20 39.7	623	18	
	8½	49.74	37.1	252	131	
	8	49.76	38.4	660	23	
2827	9½	35 51.03	59 57 45.0	272	17	
	9	51.10	46.0	269	26	
2828	9	35 51.09	54 12 56.2	658	14	
2829	9	35 51.14	58 32 29.8	579	19	
2830	8	35 51.33	52 27 28.4	562	106	
2831	8	35 51.41	61 59 18.1	210	70	
	8	51.56	19.8	236	105	
2832	9½	35 51.79	62 18 1.6	236	106	
2833	9	35 52.12	57 21 13.1	647	89	
	9	52.16	11.0	253	121	
2834	9	35 52.16	56 44 15.7	645	77	
	9	52.30	13.8	647	90	
2835	9½	35 53.18	55 57 8.5	643	85	
	9½	53.22	7.1	249	108	
2836	5	35 53.20	60 45 45.5	210	71	
2837	8½	35 55.06	48 25 0.7	171	59	
2838	9	35 55.09	25 19 40.6	153	73	
	9	55.11	40.9	157	48	
2839	9½	35 55.82	52 42 4.8	571	99	
	9½	55.83	7.0	256	103	
	9½	55.85	4.6	562	108	
2840	8½	35 56.83	34 54 53.7	587	12	
	8½	56.93	55.2	268	76	
2841	8	35 56.88	35 27 48.2	268	75	
2842	9½	35 57.04	42 56 24.2	627	247	
2843	9½	35 57.38	56 42 10.9	645	78	
	9½	57.55	10.5	647	91	
2844	9	36 0.62	47 50 30.5	163	52	
2845	7	36 3.67	32 49 43.4	660	25	
	7	3.71	39.6	252	133	
	7	3.82	41.3	265	59	
	7	3.89	40.7	274	5	
2846	9½	36 4.29	28 48 19.6	649	114	
	9	4.32	19.7	582	74	
2847	8	36 4.71	55 8 39.6	641	96	
	8	4.77	40.2	643	86	
2848	8½	36 4.88	25 23 46.6	157	49	
	8½	4.95	46.7	153	74	
2849	8	9 36 6.39	66 17 42.8	557	93	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2850	9½	9 36 6.48	28 49 —	160	57	
2851	8½	36 7.83	39 9 21.8	606	13	
	9	7.84	21.1	619	46	
2852	9	36 8.31	77 47 12.9	173	25	
2853	8	36 9.13	58 43 5.5	579	18	
2854	9½	36 11.20	44 10 46.8	637	191	
2855	9	36 11.67	74 13 25.5	636	126	
	9½	11.83	22.5	184†	70	
2856	8	36 14.31	62 41 20.3	236	109	
2857	8½	36 16.89	45 35 51.2	654	80	
	8½	16.91	48.8	168	83	
2858	9½	36 17.10	32 19 57.9	252	132	
2859	8	36 17.13	53 49 5.0	658	16	
	8½	17.20	3.6	259	112	
	9	17.20	6.0	564	93	
2860	9½	36 17.93	58 31 12.5	579	20	
2861	9½	36 20.16	48 39 22.8	171	60	
2862	8½	36 20.88	44 15 20.6	637	190	
	8½	20.94	21.5	637	192	
2863	9	36 22.45	29 31 9.3	649	116	
2864	9	36 23.59	34 39 58.5	587	13	
2865	7	36 24.11	29 44 5.1	649	115	
	7	24.34	7.1	160	58	
2866	9½	36 24.22	41 36 15.5	245	23	
2867	8	36 25.11	41 24 29.2	245	24	
2868	9	36 25.14	32 0 5.7	651	76	
2869	9	36 25.29	32 53 26.7	252	134	
	9	25.47	31.3	660	26	
2870	8	36 25.74	31 37 22.1	651	74	
2871	8	36 25.90	23 8 19.9	150	49	
2872	9½	36 26.02	51 43 34.5	650	102	
	9	26.17	34.6	569	109	
2873	9½	36 26.99	56 12 1.9	643	87	
2874	9	36 28.63	41 32 25.3	245	25	
2875	8	36 28.80	37 55 51.2	606	15	
2876	7	36 28.91	62 22 34.5	236	107	
2877	8½	36 30.43	45 48 51.6	654	79	
2878	9	36 32.51	47 14 5.3	168	82	
2879	9½	36 34.34	68 2 22.0	238	129	
2880	5½	36 36.19	23 21 20.6	150	50	
2881	8½	36 38.00	67 0 20.1	238	128	
	8	38.05	21.7	573	1	
	8½	38.09	21.3	557	92	
2882	9	36 38.25	56 10 6.8	643	88	
	9	38.41	4.8	249	109	
2883	9	36 39.66	55 1 34.7	641	97	
2884	9½	36 40.08	53 30 28.7	259	116	
	9	40.28	31.0	256	105	
	9½	40.35	28.8	564	94	
2885	9	36 41.77	61 48 23.6	210	74	
2886	9½	36 42.08	57 52 20.1	263	11	
2887	10	36 42.77	44 2 34.2	627	248	
2888	8½	36 43.75	32 3 7.5	651	75	
2889	8½	36 46.24	27 39 56.0	639	92	
	8½	46.39	55.3	582	75	
	8½	46.49	55.5	582	77	
2890	9	36 46.34	38 30 4.0	606	14	
2891	7½	36 48.47	54 24 56.0	259	119	
	7½	48.48	55.6	658	17	
	7	48.60	55.0	641	99	
2892	9½	36 48.61	52 43 23.6	256	104	
	9	48.69	23.6	571	101	
	9	48.77	22.9	571	100	
	10	48.80	21.3	562	110	
2893	9½	36 48.71	57 50 53.0	263	12	
2894	8	36 49.83	36 30 46.6	268	78	
2895	8½	36 50.04	50 35 23.9	560	147	dpl. II. pr.
2896	8½	9 36 50.44	56 33 10.2	645	81	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
2897	6	9 36 51.81	57 24 54.3	253	122
	6	52.05	55.3	647	93
	6	52.24	55.1	263	13
2898	9	36 52.31	26 52 12.9	639	91
	9½	52.47	15.0	582	76
2899	8	36 52.45	51 3 47.9	569	111
	8	52.48	48.9	650	103
2900	9	36 56.70	48 2 12.7	163	53
2901	8½	36 57.23	36 49 42.3	606	16
	8½	57.25	41.2	268	79
2902	9½	36 57.61	54 21 20.5	658	18
	9½	57.86	20.7	641	98
2903	9	36 59.30	58 34 47.0	579	23
2904	9½	37 3.48	74 13 54.5	636	127
	10	3.78	50.1	184†	72
2905	9	37 3.52	51 29 37.8	650	104
2906	9½	37 4.37	47 4 5.0	655	61
2907	7½	37 4.44	41 42 47.7	245	26
2908	6½	37 5.00	56 41 22.0	645	79
	6½	5.12	21.3	647	92
	6½	5.18	19.5	253	124
2909	9½	37 5.94	52 34 2.9	571	102
2910	9	37 6.52	40 3 16.4	619	47
2911	9	37 6.90	61 56 44.1	210	73
2912	10	37 7.26	53 40 29.7	259	118
2913	8½	37 7.40	62 26 11.4	236	108
2914	9	37 7.67	34 39 3.9	587	14
2915	8½	37 8.38	45 25 34.4	654	81
	8½	8.55	35.1	168	84
2916	8	37 11.23	51 58 9.4	562	109
	8	11.33	10.1	569	110
2917	9	37 12.81	79 18 30.9	173	24
2918	9	37 12.84	50 57 32.9	569	113
2919	8½	37 13.43	35 0 27.0	268	77
	8	13.44	25.8	587	15
	7½	13.48	29.9	274	6
2920	7½	37 14.79	58 28 18.2	579	21
2921	9	37 16.26	55 30 10.9	249	110
	9	16.34	12.5	643	89
2922	8½	37 17.56	50 55 31.0	560	148
	8½	17.65	29.1	650	105
	8½	17.65	30.5	569	112
2923	8½	37 18.34	60 41 5.7	241	172
	8½	18.55	4.4	210	72
	8½	18.62	5.9	272	18
2924	10	37 18.67	53 51 14.0	564	95
2925	8½	37 18.96	46 5 4.5	168	86
2926	9½	37 19.17	37 1 42.5	268	81
2927	9	37 19.70	49 12 36.0	171	62
2928	9	37 20.04	31 8 40.2	651	77
2929	8½	37 20.35	45 48 42.8	654	82
	8½	20.49	44.5	168	85
2930	9½	37 22.24	43 28 28.6	627	250
2931	9	37 23.48	32 40 48.4	252	136
	9	23.80	47.8	660	28
2932	9½	37 24.89	72 6 61.6	636	129
	9½	24.91	59.9	189†	87
	9½	24.97	60.0	184†	73
2933	8	37 24.96	58 34 11.8	579	22
2934	6½	37 25.11	34 55 53.1	274	7
	6½	25.13	51.9	587	16
	7½	25.21	51.0	265	60
2935	9½	37 26.14	43 19 54.8	627	249
2936	9½	37 26.30	54 42 35.4	641	102
2937	9½	37 27.27	27 49 14.6	649	119
2938	9	37 27.49	47 5 57.9	655	60
	9½	27.52	57.2	168	88
2939	9	37 27.71	58 50 27.1	579	25
	9	27.73	25.1	241	173
2940	8½	9 37 28.65	67 13 47.6	573	2
2941	9	9 37 28.92	23 54 29.0	157	50
2942	9½	37 29.69	56 41 13.7	647	95
	9½	29.88	13.4	645	80
2943	7½	37 30.13	32 49 49.9	660	27
	7½	30.14	49.1	252	135
2944	9	37 32.24	72 8 0.0	189†	88
	9	32.59	0.3	636	128
	10	33.02	4.0	184†	74
2945	9	37 32.46	48 32 27.8	171	64
	9	32.51	25.3	171	61
2946	9	37 33.04	47 31 32.5	662	1
2947	9	37 34.18	56 28 7.3	645	82
2948	9	37 34.25	32 20 25.8	660	29
2949	9½	37 35.16	52 58 59.0	256	106
	9½	35.19	57.4	571	103
2950	8½	37 36.89	40 6 38.1	619	48
2951	9	37 38.57	77 46 52.2	173	26
2952	8	37 39.77	53 38 48.8	564	96
	8½	40.03	50.5	259	117
2953	6½	37 40.73	54 38 38.0	259	120
	6½	40.78	38.7	641	100
	6½	40.84	38.8	658	19
	6½	41.00	36.9	567	92
2954	9½	37 42.91	27 54 0.9	649	117
2955	9½	37 43.16	44 29 4.7	637	193
2956	7½	37 45.39	46 17 42.7	655	62
	7½	45.47	43.0	168	87
2957	8	37 46.05	36 23 39.2	268	82
2958	9½	37 46.72	57 25 53.1	647	98
	9½	46.89	48.2	263	14
	9½	47.03	48.4	253	123
2959	9½	37 48.07	45 37 41.0	654	83
2960	10	37 50.87	31 43 29.4	651	79
2961	8	37 51.25	29 14 3.1	649	122
	8½	51.26	2.6	160	59
2962	8½	37 52.24	30 59 55.1	651	80
	8½	52.27	52.7	252	137
	8½	52.56	54.6	160	60
2963	9	37 52.88	27 52 49.3	639	94
	9	52.97	47.1	649	118
2964	9	37 54.55	31 41 11.2	651	78
2965	9	37 55.62	55 5 30.9	249	112
2966	9½	37 56.88	40 28 38.5	619	49
2967	8	37 58.36	35 4 56.7	587	17
	8	58.39	56.0	274	8
2968	9	37 59.70	50 35 35.6	560	150
2969	8½	38 1.47	56 48 22.7	645	83
	8½	1.64	19.9	253	125
	8½	1.67	22.5	647	96
	9	1.70	21.0	647	94
2970	9	38 2.71	41 8 49.0	619	50
2971	9	38 2.89	55 29 37.1	643	90
	9½	3.10	35.0	249	111
2972	9½	38 3.16	28 33 33.0	649	121
2973	9	38 6.50	47 14 3.1	662	2
2974	9	38 6.67	26 35 14.9	639	93
2975	9	38 6.70	36 54 53.5	268	80
	9	6.76	56.7	606	17
2976	9	38 6.74	41 40 29.6	245	27
2977	9½	38 7.30	58 19 16.4	263	15
2978	9	38 8.05	28 35 27.8	649	120
	9	8.16	31.3	582	78
2979	9½	38 9.62	50 10 1.9	560	149
2980	9½	38 10.99	50 30 55.9	560	151
2981	9	38 11.60	48 20 41.4	171	66
	9½	11.71	40.3	163	54
2982	8	38 11.65	42 42 14.4	245	28
2983	9½	38 12.04	25 23 21.3	157	51
2984	8½	9 38 13.00	51 45 16.3	569	115
	8½	13.15	14.7	650	106

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2985	9½	9 38 13.04	44 26 39.9	637	194	
2986	7½	38 17.52	65 30 42.3	557	94	
2987	9	38 18.94	54 44 47.1	641	101	
2988	9	38 19.12	52 59 25.4	571	104	
	9	19.13	25.1	256	107	
2989	8	38 21.06	49 34 15.8	171	63	
2990	9	38 24.38	44 47 13.2	637	195	
2991	9½	38 28.14	51 28 6.5	650	107	
2992	10	38 28.37	30 52 46.4	252	138	
2993	8½	38 30.78	59 0 21.8	269	27	
	8½	30.83	20.0	579	24	
2994	9	38 31.75	51 35 29.3	569	116	
2995	8½	38 32.25	29 44 35.4	649	123	
2996	8½	38 32.36	24 24 38.3	150	51	
2997	9	38 32.75	60 27 44.6	272	20	
2998	8½	38 35.14	40 36 0.5	619	52	
2999	8½	38 36.27	53 32 30.9	564	97	
	8½	36.48	30.9	564	100	
3000	9½	38 37.03	38 0 56.7	606	18	dpl. II.
3001	9	38 37.56	26 5 7.9	157	52	
	9	37.66	12.3	639	96	
3002	8	38 37.60	55 15 42.6	249	113	dpl. I.
	7	37.70	44.4	643	91	
	7	38.01	44.3	641	103	
3003	9	38 37.62	29 38 26.4	649	124	
3004	9	38 37.91	53 21 1.9	256	108	
	9	38.00	3.2	564	98	
3005	5	38 37.91	27 11 52.6	639	95	
	5	37.97	51.8	582	79	
	5	38.16	51.9	153	75	
3006	9	38 39.33	52 31 56.1	562	111	
3007	9½	38 39.69	52 25 49.0	562	112	
3008	8½	38 39.80	42 45 4.3	245	29	
3009	8	38 39.83	62 7 11.7	210	75	
	8½	39.89	12.0	236	110	
3010	9	38 39.92	69 2 55.7	573	3	
3011	9½	38 40.84	59 43 6.6	269	30	
	9	40.87	4.6	272	19	
3012	8½	38 42.95	34 30 56.7	587	18	
	8½	43.06	55.7	274	9	
3013	8	38 43.03	40 39 59.4	619	51	
3014	9	38 45.57	43 19 57.5	627	252	
3015	8½	38 45.73	54 11 39.0	259	124	
	8½	45.76	39.0	259	121	
	8	45.90	40.2	658	20	
3016	9	38 46.81	48 28 30.4	171	65	
3017	8½	38 47.14	26 52 24.6	153	76	
	8	47.21	25.8	582	80	
3018	8½	38 47.45	58 58 23.3	269	28	
	8	47.47	22.0	579	26	
3019	9	38 48.65	42 59 10.9	627	251	
	9	48.82	9.6	245	30	
3020	8½	38 50.20	57 32 2.1	647	97	
	8½	50.28	1.0	263	16	
	8½	50.31	3.7	253	126	
3021	9	38 51.13	42 16 43.2	245	31	
3022	10	38 54.03	56 2 9.7	643	92	
3023	9	38 54.16	71 14 5.1	636	130	
	9	54.21	5.2	189†	89	
	9	54.40	5.5	238	130	
3024	9½	38 55.53	67 52 21.0	238	132	
	9	55.90	20.6	573	5	
3025	10	38 55.61	57 32 3.2	263	17	
3026	8	38 56.10	23 0 0.8	150	52	
3027	9	38 56.83	47 52 13.8	662	3	
3028	8	38 56.88	33 16 32.8	660	30	
	8	56.89	33.5	587	20	
3029	9½	38 58.84	53 15 38.7	571	105	
	9½	59.00	39.4	564	99	
3030	8	9 38 58.89	53 30 15.2	564	101	
3031	9	9 38 59.13	30 49 25.3	252	139	
	9	59.24	25.2	651	81	
	9	59.39	26.4	160	61	
3032	9	38 59.31	32 45 16.0	587	19	
3033	9	38 59.55	45 9 16.7	637	196	
	9	59.59	16.1	654	84	
	9	59.62	16.8	168	89	
3034	9½	39 0.34	55 44 41.7	249	115	
	9½	0.58	43.4	643	93	
3035	7½	39 0.97	50 39 21.5	560	152	
	7	0.97	21.6	650	111	
3036	9½	39 1.85	51 22 5.8	650	108	
3037	8	39 1.85	26 18 57.9	639	99	
	8½	1.92	57.3	639	97	
3038	9½	39 2.83	52 3 58.7	569	114	
3039	9	39 3.91	57 4 2.6	647	99	
3040	8	39 5.12	60 35 6.3	272	21	
3041	9	39 6.41	31 48 14.7	252	140	
3042	9	39 7.72	59 44 37.8	269	29	
	9	7.85	37.5	272	22	
3043	8½	39 7.80	56 59 41.5	647	100	
3044	9½	39 8.03	45 50 56.8	168	91	
	9½	8.06	58.5	654	85	
3045	8	39 9.54	67 22 5.9	573	7	
	9	9.50	7.7	238	135	
3046	7½	39 9.65	38 59 52.7	619	53	
3047	8½	39 11.76	48 44 46.9	171	68	
3048	7½	39 12.53	67 56 1.3	238	131	
	7	12.71	3.1	573	4	
3049	7½	39 12.54	22 54 36.7	150	53	
3050	7½	39 12.67	27 3 18.9	582	81	
	7½	12.71	20.5	153	77	
3051	9	39 12.76	38 14 6.9	606	19	
3052	8	39 13.16	62 10 35.0	236	111	
	8	13.16	33.4	210	76	
3053	9	39 14.12	54 26 51.9	259	123	
	9	14.15	49.4	249	117	
	9	14.17	51.3	641	104	
	9	14.29	52.8	658	22	
3054	9½	39 14.15	51 22 3.6	650	109	
3055	9	39 15.39	48 5 24.8	662	4	
	9½	15.50	24.1	163	57	
3056	9	39 15.64	51 34 8.3	569	117	
3057	8½	39 16.23	44 2 14.3	627	253	
	8	16.41	16.4	637	197	
3058	9	39 17.47	30 36 31.1	651	82	
3059	8½	39 17.74	47 32 2.5	163	55	
3060	9	39 17.88	26 47 24.6	153	78	
	8½	17.95	26.8	639	98	
3061	9½	39 18.60	56 15 17.3	645	84	
	9	18.66	16.7	253	127	
3062	8½	39 18.61	53 54 1.8	259	125	
	8½	18.67	3.9	658	21	
3063	9	39 19.44	45 42 56.3	168	90	
	9	19.55	55.4	654	86	
3064	9	39 20.88	79 16 20.4	173	27	
3065	9	39 20.93	26 5 0.8	157	53	
3066	8½	39 22.21	25 59 18.0	157	54	
3067	9	39 23.61	43 28 56.4	627	254	
3068	9	39 24.15	51 15 15.5	650	110	
3069	7½	39 25.38	59 33 43.6	269	31	
3070	9½	39 26.16	44 4 33.6	637	198	
3071	6	39 27.81	53 19 10.4	564	102	
	6	27.89	8.1	256	109	
	6	27.94	10.7	571	106	
3072	9	39 28.10	47 20 25.6	163	56	
3073	9	39 29.36	46 30 46.0	655	63	
	9	29.37	47.0	168	92	
3074	9½	39 29.74	56 53 16.8	647	101	
3075	7	9 39 29.84	66 20 32.9	557	95	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3076	9	9 39 30.43	31 40 39.1	252	141	
3077	9	39 30.79	25 42 1.1	157	55	
3078	9	39 31.80	23 31 15.0	150	54	
3079	8	39 32.76	56 22 47.4	645	85	
	8	32.84	47.3	253	128	
3080	9	39 32.93	48 5 31.8	662	5	
	9	33.21	30.1	163	58	
3081	9	39 33.40	44 11 1.8	637	200	
3082	9	39 34.98	47 55 24.2	662	7	
	9	35.12	20.3	163	59	
3083	9½	39 35.13	31 32 45.2	252	142	
3084	8	39 35.62	59 27 25.2	269	32	
3085	8	39 35.99	50 47 37.9	650	112	
	8	36.20	37.4	560	153	
3086	9½	39 36.96	30 53 15.9	651	83	
3087	9½	39 36.98	44 49 19.2	654	87	
3088	9½	39 39.12	44 3 56.2	637	199	
3089	8½	39 40.31	36 59 13.8	268	83	
3090	9	39 40.55	48 20 55.6	171	67	
3091	9½	39 41.13	29 42 24.1	649	125	
3092	10	39 43.39	67 57 51.4	238	133	
3093	9½	39 43.89	55 46 4.2	249	114	
	9	43.98	7.8	643	94	
3094	9	39 43.91	52 44 56.1	571	109	
	9	43.93	56.1	562	113	
3095	9	39 44.98	33 18 30.9	587	21	
3096	9	39 45.63	54 28 40.4	249	116	
	9	45.68	38.2	259	122	
	9	45.74	40.5	641	106	
	9	45.75	41.5	658	23	
3097	10	39 46.13	53 7 9.7	571	108	
3098	9	39 50.49	50 44 2.9	650	113	
	9	50.50	4.6	560	154	
3099	8½	39 50.72	33 5 22.0	660	31	
	8½	50.79	23.3	274	10	
	8½	50.81	24.5	587	23	
3100	8	39 50.96	53 10 17.9	256	110	
	8	51.02	17.7	571	107	
3101	8½	39 51.03	44 18 15.0	637	201	
3102	10	39 51.73	61 3 6.7	210	77	
3103	6½	39 52.22	29 37 40.1	649	126	
	7	52.36	41.4	160	62	
3104	8½	39 54.43	27 49 51.6	649	128	
	8	54.67	48.0	582	82	
3105	8½	39 55.03	38 0 44.9	606	20	dpl. III. n. sq.
3106	8	39 57.51	57 3 52.9	647	103	
	8	57.67	49.9	253	130	
3107	10	39 57.84	54 21 51.6	641	105	
3108	8	39 58.37	23 57 59.8	649	127	
	8	58.51	60.0	160	63	
	8	58.52	58.3	582	83	
3109	7	39 59.36	47 58 29.1	662	6	
	7	59.43	27.0	163	60	
3110	9	39 59.43	51 40 47.5	569	120	
3111	8½	39 59.47	50 40 53.1	560	155	
	8½	59.53	54.8	650	114	
3112	8½	39 59.64	58 36 41.6	579	27	
3113	9	40 0.00	59 51 27.0	272	23	
	8½	0.10	27.0	272	24	
3114	8½	40 0.28	57 35 12.7	263	18	
3115	7	40 1.26	32 6 23.2	252	143	
	7	1.32	25.2	651	84	
3116	8½	40 1.69	56 16 33.4	645	86	
	8½	1.91	32.3	253	129	
3117	8½	40 2.61	33 13 20.1	660	32	
	8½	2.62	18.8	274	11	
	8½	2.64	19.2	587	22	
3118	9	40 5.08	44 12 29.4	637	202	
3119	8½	40 5.87	40 35 12.2	619	54	
3120	9	9 40 5.93	50 15 4.8	560	156	
3121	9½	9 40 6.85	71 36 55.4	189†	90	
	9	7.02	54.9	636	131	
	9½	7.42	58.5	184†	75	
3122	9	40 7.00	40 35 41.7	619	55	
3123	8½	40 8.91	67 51 56.5	238	134	
	8	9.12	54.1	573	6	
3124	9½	40 10.65	43 48 6.4	627	255	
3125	8½	40 11.33	46 54 22.4	168	93	
	8½	11.37	21.7	655	64	
3126	9	40 12.19	44 51 3.7	654	88	
3127	9	40 12.24	57 21 20.2	263	20	
	9	12.32	22.3	647	104	
3128	9½	40 12.40	41 11 45.8	619	58	
3129	8½	40 12.78	51 42 8.2	569	118	
	8½	12.97	8.4	650	115	
3130	8½	40 14.47	55 3 20.5	641	107	
3131	8½	40 16.30	26 12 59.2	639	100	
	8½	16.40	60.5	153	81	
3132	8	40 17.65	37 9 31.5	268	84	
	8	17.77	32.6	606	21	
3133	9½	40 17.79	63 18 44.8	236	112	
3134	9½	40 18.12	52 44 27.4	571	110	
3135	9	40 19.61	45 56 6.2	654	91	
	9	19.63	3.9	655	65	
3136	8½	40 20.47	56 52 54.1	645	87	
	9	20.49	54.2	253	132	
3137	7½	40 20.58	49 26 5.9	171	72	
3138	9½	40 21.43	42 56 47.2	627	258	
3139	9	40 21.72	57 27 43.7	263	19	
3140	8	40 22.14	25 41 1.0	157	56	
	8	22.21	3.2	153	79	
3141	8	40 22.90	59 17 51.7	269	33	
3142	9½	40 23.27	44 57 44.3	654	90	
3143	9	40 24.93	55 26 38.7	643	95	
3144	8	40 26.07	37 14 9.8	268	85	
	8	26.19	13.1	606	22	
3145	9	40 26.11	44 52 31.0	654	89	
3146	9	40 26.42	43 1 10.3	627	257	
3147	8	40 26.88	48 54 54.4	171	69	s. pr.
3148	8½	40 28.79	34 4 40.9	660	33	
3149	8	40 28.84	48 54 48.7	171	70	n. sq.
3150	9	40 30.94	58 36 19.5	579	28	
3151	9	40 30.96	59 26 51.7	269	35	
3152	9	40 32.55	43 9 3.8	627	256	
3153	9½	40 33.36	32 5 50.4	252	145	
3154	9½	40 33.98	50 5 32.2	560	158	
3155	9	40 35.06	53 52 20.3	564	103	
	9	35.08	19.9	259	126	
	9	35.14	22.7	658	26	
3156	9	40 34.86	27 16 36.0	639	102	
	8½	34.87	36.1	582	85	
3157	9	40 35.90	25 44 31.4	153	80	
	9	35.98	29.9	157	57	
3158	9	40 36.98	27 59 43.7	639	101	
	9	37.01	45.0	649	129	
	9	37.12	43.8	582	84	
3159	8½	40 36.98	72 59 37.6	189†	94	
	9	37.24	36.1	189†	91	
	8½	37.48	39.7	636	134	
3160	8½	40 37.25	47 56 22.4	662	8	
	8½	37.55	22.4	163	61	
3161	9	40 37.58	47 47 33.0	662	9	
3162	8	40 37.79	55 2 32.0	641	108	
	8½	37.93	30.3	249	120	
3163	9	40 38.69	55 5 35.7	641	109	
3164	9	40 40.14	26 38 37.1	639	104	
3165	9½	40 40.63	71 40 55.4	189†	92	
	9	40.82	54.7	636	132	
3166	9½	40 41.17	47 1 41.6	168	94	
3167	8½	9 40 41.51	79 46 52.7	173	29	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3168	9	9 40 42.20	50 10 18.7	560	157	
3169	9	40 42.40	54 30 56.9	249	118	
	9	42.63	58.2	658	24	
3170	9½	40 42.74	41 5 22.7	619	57	n.
3171	8	40 42.81	41 5 29.1	619	56	s.
	8	42.81	26.9	245	32	
3172	7	40 42.89	35 17 4.1	268	86	
	7	43.02	4.4	275	1	
3173	9½	40 43.48	51 47 12.3	650	116	
	9	43.61	11.4	569	121	
	9	43.63	11.0	569	119	
3174	8½	40 43.69	68 46 16.5	573	8	
3175	7	40 45.70	26 41 51.0	639	103	
	7½	45.85	50.4	153	82	
3176	9½	40 46.33	32 3 58.1	252	144	
3177	9½	40 46.76	55 14 47.9	643	97	
3178	8½	40 47.15	25 23 45.7	157	58	
3179	9½	40 48.28	54 43 45.7	249	119	
3180	8	40 48.56	49 14 9.6	171	71	
3181	8½	40 49.36	25 5 45.3	157	59	
	8	49.47	45.2	150	55	
3182	8	40 51.10	45 20 10.2	654	92	
	8	51.19	8.1	168	95	
3183	8½	40 51.17	55 26 41.0	643	96	
3184	7	40 53.45	32 55 51.9	252	146	
	7	53.48	55.7	660	35	
3185	9	40 55.04	44 4 11.3	627	260	
	9	55.16	10.0	637	203	
3186	9	40 55.39	47 45 22.8	662	10	dpl. I.
3187	7½	40 55.70	56 59 32.2	253	133	
	7½	55.72	31.6	253	131	
	7½	55.82	32.3	647	102	
	7½	55.93	33.7	585	1	
3188	9	40 57.29	52 40 25.9	562	114	
	9½	57.32	28.0	256	112	
	9	57.36	29.3	571	112	
3189	8½	40 57.71	52 51 32.3	256	111	
	8½	57.73	31.0	571	111	
3190	9½	40 59.69	57 24 3.2	647	105	
	9½	59.74	2.4	263	21	
3191	10	41 0.09	59 1 1.1	579	30	
3192	8	41 0.46	43 6 9.9	627	259	
3193	9½	41 1.70	49 2 45.1	171	73	
3194	9	41 1.87	41 11 39.9	245	33	
	9½	1.94	41.4	619	59	
3195	8½	41 2.42	46 45 25.2	655	66	
	8½	2.60	23.0	168	98	
3196	7½	41 3.00	53 40 19.0	259	129	
	7½	3.07	19.6	564	105	
3197	8½	41 3.06	45 20 16.5	168	96	
	8½	3.07	19.3	654	94	
3198	8	41 3.27	30 41 55.5	160	65	
	8	3.38	53.3	651	85	
3199	9½	41 3.45	59 2 55.0	579	29	
3200	9	41 3.56	30 46 53.7	651	86	
	8½	3.78	52.4	160	64	
3201	7	41 5.23	71 37 2.4	189†	93	
	7	5.45	5.8	184†	76	
	6½	5.47	2.5	636	133	
3202	9	41 5.24	59 25 26.1	269	34	
3203	9	41 6.08	35 11 41.7	274	12	
	9	6.17	40.6	275	2	
3204	9	41 7.79	33 50 59.3	660	34	
3205	8½	41 8.09	44 8 20.9	627	262	
	8½	8.24	20.8	637	205	
3206	9½	41 8.55	44 15 48.3	637	207	
3207	8½	41 9.19	54 10 40.2	658	27	
3208	9	41 9.29	44 3 31.1	637	204	
3209	9½	9 41 9.57	53 40 43.4	564	108	
3210	9	9 41 11.33	53 47 36.0	259	127	
	9	11.39	36.2	564	104	
	8½	11.61	35.9	658	25	
	9	11.67	39.7	564	107	
3211	8½	41 11.44	28 54 6.1	649	130	
	8½	11.55	5.9	582	86	
3212	9	41 11.75	53 43 24.9	259	128	
	9	11.78	26.4	564	106	
3213	9½	41 12.61	66 26 57.7	557	96	
3214	9½	41 13.12	32 54 43.9	252	147	
3215	9	41 14.77	46 40 12.3	655	67	
3216	9	41 17.99	29 29 4.8	649	131	
3217	8½	41 18.26	46 36 11.4	168	99	
	8½	18.29	12.4	655	68	
3218	9½	41 18.41	53 22 43.6	259	130	
	9½	18.51	43.3	256	113	
3219	8	41 18.42	51 42 29.3	569	122	
	8	18.52	28.2	650	117	
3220	9	41 20.36	45 20 36.5	654	95	s. pr.
3221	7	41 20.89	45 20 24.4	654	93	n. sq.
	7	20.94	25.9	168	97	
3222	8½	41 23.64	47 2 33.3	662	11	
	9	23.79	32.1	163	62	
	8½	23.79	33.3	655	69	
3223	9½	41 24.83	50 12 18.0	560	160	
3224	7½	41 26.27	58 54 0.7	269	36	
	8	26.34	0.0	579	31	
3225	9	41 26.61	69 8 22.4	573	10	
3226	9	41 26.67	24 40 18.0	157	60	
3227	9	41 27.50	55 10 0.9	249	122	
	9	27.67	2.8	643	98	
	9½	27.68	2.9	641	110	
3228	8½	41 30.15	68 0 45.4	238	136	
3229	8½	41 30.64	50 17 36.9	560	159	
3230	9½	41 31.22	41 11 33.0	245	34	
3231	9	41 32.14	51 8 49.3	650	118	
3232	9½	41 32.75	41 14 29.8	245	35	
3233	10	41 33.85	58 9 54.1	263	24	
3234	8½	41 33.94	30 23 43.2	651	88	
	8½	34.06	43.2	160	67	
3235	9	41 34.30	79 10 34.5	173	32	
3236	9	41 34.90	52 21 26.5	562	115	
3237	7	41 36.16	30 41 25.4	651	87	
	7	36.32	25.5	160	66	
3238	10	41 36.54	60 10 38.1	272	25	
3239	6	41 38.07	44 10 38.8	637	206	
	6	38.12	38.9	627	261	
3240	8½	41 40.02	48 32 55.9	171	75	
3241	7	41 40.26	56 36 34.7	645	89	
	7	40.45	32.9	253	134	
3242	8½	41 40.59	29 41 41.8	649	133	
3243	8	41 40.67	38 44 42.7	606	23	
3244	9	41 42.09	46 47 46.2	168	100	
3245	8½	41 42.63	60 27 45.7	210	78	
	9	42.76	45.7	272	26	
3246	8½	41 44.08	56 25 34.4	253	137	
	8½	44.19	33.7	645	88	
3247	8½	41 45.44	57 45 16.1	263	22	
3248	9½	41 46.28	24 48 20.6	150	57	
3249	4	41 48.69	61 55 51.9	210	79	
	4	48.77	52.5	236	113	
3250	9	41 52.16	79 49 0.8	173	31	
3251	8½	41 53.27	24 43 26.1	157	61	
	8½	53.33	24.1	150	56	
3252	9	41 54.64	50 47 25.0	569	124	
	9	54.99	26.2	560	164	
3253	9	41 55.24	29 34 36.2	649	132	
3254	9	41 56.14	58 53 27.2	269	37	
	9	56.48	27.3	579	32	
3255	9	9 41 56.38	40 48 51.7	619	60	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3256	9½	9 41 57.01	24 46 27.5	150	58	
3257	9½	41 57.73	52 22 55.9	562	117	
3258	9	41 58.00	31 40 39.4	651	90	
3259	8½	41 58.07	55 12 57.8	643	99	
	8½	58.09	59.5	641	111	
	8½	58.11	57.5	249	121	
3260	8	41 59.05	69 13 8.5	573	9	dpl. III. s.sq.
	8	59.13	9.8	238	140	
3261	9	41 59.34	56 23 1.0	253	136	
	9	59.37	3.7	645	91	
3262	9	42 1.82	49 20 23.8	171	74	
	9	1.84	27.0	171	76	
3263	9	42 1.93	26 31 15.2	639	105	
3264	8½	42 2.04	56 36 8.5	645	90	
	9	2.13	6.8	253	135	
3265	9½	42 2.51	44 18 2.8	637	208	
3266	8	42 3.96	29 6 36.9	582	89	
	8½	3.97	38.2	649	134	
	8½	4.04	37.4	160	68	
3267	10	42 4.62	58 9 55.5	263	26	
3268	8	42 4.69	49 59 52.1	560	161	
3269	7	42 5.78	58 13 8.7	263	25	
	7	5.90	9.2	579	33	
3270	8½	42 6.25	50 47 43.4	569	123	
	9	6.50	46.5	560	163	
3271	8	42 6.69	27 48 5.1	582	87	
3272	8½	42 7.11	53 34 21.9	259	131	
	9	7.27	22.9	564	109	
3273	9½	42 7.93	35 39 23.8	275	3	
3274	8	42 9.93	58 25 10.2	579	34	
3275	9	42 10.27	58 9 59.8	263	23	
3276	9½	42 10.95	41 15 24.9	245	36	
3277	7½	42 11.83	58 28 24.8	579	35	
3278	7	42 12.07	32 39 45.9	252	148	
	7	12.08	48.8	660	37	
3279	9	42 14.51	52 22 58.3	256	115	
	9	14.62	55.6	562	116	
3280	9	42 14.63	31 3 9.6	651	89	
3281	8	42 14.86	27 1 12.4	153	83	
	8	14.86	11.1	639	106	
3282	9½	42 15.64	33 17 18.1	274	13	
3283	8	42 15.69	37 8 41.5	268	87	
	8	15.80	42.2	275	5	
3284	9½	42 16.44	56 45 52.8	647	106	
	9½	16.55	53.1	585	2	
3285	8½	42 16.74	40 52 20.8	619	61	
3286	9½	42 17.44	62 15 0.2	236	114	
3287	9½	42 17.66	43 28 12.2	627	263	
3288	8½	42 18.82	35 45 47.9	275	4	
3289	8½	42 19.21	47 8 15.0	662	12	
	8½	19.30	14.3	655	70	
	8½	19.41	15.1	168	101	
	8½	19.42	13.5	163	63	
3290	9	42 19.86	32 24 45.8	252	149	
	9	20.00	47.7	660	36	
3291	9	42 21.08	79 6 21.8	173	28	
3292	8½	42 21.80	51 39 48.6	569	127	
	8½	22.03	49.7	650	119	
3293	9½	42 22.61	53 15 19.8	256	114	
	9½	22.67	20.1	571	114	
3294	7½	42 23.26	37 36 39.4	606	24	
3295	9	42 26.06	52 51 23.0	571	113	
	9	26.15	23.4	571	115	
3296	8	42 26.56	66 13 54.4	557	97	
3297	8½	42 26.76	27 24 0.3	639	108	
3298	9	42 27.32	33 30 44.4	660	38	
3299	8½	42 27.47	56 0 4.8	643	100	
	8½	27.54	6.2	645	92	
	8½	27.60	4.8	581	1	
3300	9	9 42 27.93	79 49 2.4	173	30	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3301	9½	9 42 28.08	55 9 31.6	249	123	
	9½	28.15	31.7	641	112	
3302	9	42 28.80	27 41 24.6	582	88	
3303	9½	42 28.82	33 17 2.5	274	14	
3304	9	42 30.65	51 19 45.4	569	125	
	9	30.66	47.2	650	121	
3305	9	42 32.00	54 45 44.6	249	124	
	9	32.08	46.5	641	114	
3306	9½	42 32.86	58 2 23.5	263	27	
3307	8½	42 35.98	51 27 38.9	569	126	dpl. II. pr.
	9	36.08	39.3	650	120	
3308	8	42 36.46	24 37 42.9	150	60	
3309	9½	42 36.79	72 43 46.7	189†	95	
	9	37.08	46.6	636	135	
3310	8½	42 38.08	27 18 22.8	639	107	
3311	7	42 38.16	58 46 31.8	579	36	
3312	9	42 38.95	24 7 59.4	157	62	
3313	9	42 39.23	40 16 33.9	619	62	
3314	9	42 40.08	54 50 38.5	641	113	
	9½	40.17	37.5	249	125	
3315	8½	42 40.66	47 1 27.9	662	13	
	9	40.78	24.2	163	64	
	8½	40.97	27.4	655	71	
	8½	40.97	28.1	168	102	
3316	9½	42 40.73	27 52 42.3	649	135	
3317	9	42 41.64	49 56 37.6	560	162	
3318	9	42 42.85	62 8 40.8	210	80	
	9½	42.86	43.2	236	117	
	10	42.87	42.2	236	115	
3319	9½	42 43.39	54 24 9.3	658	28	
3320	9	42 45.89	61 23 5.7	210	81	
3321	9	42 48.22	52 6 30.7	562	118	
3322	8	42 48.78	42 0 5.7	245	37	
3323	7½	42 50.06	37 47 19.6	606	25	
3324	9½	42 50.14	73 57 37.7	184†	77	
3325	7	42 50.27	69 11 6.9	238	139	
	7	50.37	7.7	573	11	
3326	10	42 51.26	28 6 56.4	649	137	
3327	9	42 51.38	53 37 31.1	564	110	
	9	51.40	30.9	259	132	
3328	8½	42 52.11	24 57 41.4	153	84	
	8½	52.20	39.7	150	59	
	8½	52.27	38.7	157	63	
3329	9	42 52.72	66 59 44.3	573	12	
	9	52.87	43.0	238	137	
3330	9	42 54.45	46 3 41.5	654	96	
	9	54.66	42.6	655	72	
3331	9½	42 55.60	54 16 11.4	658	29	
3332	9½	42 55.90	57 55 29.5	263	28	
3333	9½	43 0.97	28 8 53.7	649	136	
	9½	1.13	54.6	582	90	
3334	9½	43 0.99	32 4 29.2	252	150	
	9½	1.11	30.8	651	92	
3335	8½	43 1.38	44 58 0.5	654	97	
	8	1.72	1.2	637	209	
3336	8½	43 2.50	29 44 29.6	160	69	
3337	7	43 5.36	25 50 7.4	639	109	
	7	5.44	6.1	157	64	
	7	5.50	6.6	153	85	
3338	9½	43 7.74	59 19 24.7	269	38	
3339	8½	43 8.73	40 50 51.5	619	63	
3340	7	43 9.04	49 21 46.2	171	77	
3341	8½	43 9.36	56 45 58.0	645	93	
	8½	9.46	56.9	253	138	
	8½	9.49	57.6	647	107	
	8	9.52	57.6	581	3	
	8	9.64	56.1	585	3	
3342	9½	9 43 10.15	32 5 22.3	252	151	
	9	10.20	24.3	660	39	
	9	10.43	21.9	651	91	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3343	10	9 43 11.20	44 57 45.7	637	210	
3344	7½	43 14.53	37 3 19.2	268	89	
	7½	14.53	20.4	606	26	
	7½	14.66	18.9	275	7	
3345	10	43 14.60	53 1 16.0	571	116	
3346	9½	43 15.32	42 25 6.8	245	38	
3347	10	43 15.37	53 43 22.6	564	111	
3348	8½	43 16.26	35 14 32.2	268	88	
3349	8	43 16.33	62 7 50.5	208	1	
	8	16.36	48.9	210	84	
	8	16.40	50.5	236	116	
3350	9½	43 17.58	29 8 43.7	649	138	
3351	9	43 19.18	72 31 46.2	189†	96	
	9	19.45	47.1	636	136	
3352	9	43 20.06	37 6 50.2	275	6	
3353	8	43 20.23	56 10 57.0	249	126	
	8	20.32	60.0	645	94	
	8	20.36	58.0	643	101	
	8	20.45	58.8	581	2	
3354	9½	43 20.89	42 54 48.8	245	40	
3355	9½	43 23.29	37 9 22.2	268	90	
	9	23.33	22.0	275	8	
	9	23.42	24.7	606	27	
3356	10	43 24.86	32 5 16.8	651	93	
3357	8	43 25.12	73 19 26.5	202	2	
	8½	25.55	23.9	184†	79	
3358	8½	43 25.40	34 26 21.3	274	15	dpl. II. s. pr.
	8½	25.54	22.7	587	24	
3359	9½	43 25.85	64 10 47.1	557	98	
3360	8½	43 26.14	45 57 33.0	654	98	
	8½	26.20	33.5	655	73	
	8½	26.23	33.3	168	104	
3361	8½	43 26.88	48 2 54.6	662	14	
	8½	27.—	53.7	163	65	
3362	8½	43 27.55	46 53 17.6	655	74	
	8½	27.62	15.9	168	103	
3363	8½	43 28.71	24 38 41.7	150	61	
3364	8	43 29.09	43 26 23.3	627	264	
3365	8½	43 29.77	37 15 35.5	606	28	
3366	7½	43 29.93	69 32 25.2	238	141	
3367	8	43 31.69	24 3 45.8	150	62	
3368	8½	43 32.73	32 14 38.5	660	40	
	9	32.78	36.8	252	152	
3369	8½	43 34.50	32 54 33.3	660	43	
3370	9	43 36.22	55 51 41.3	643	102	
	9	36.27	43.1	249	127	
3371	8½	43 36.72	36 43 41.1	275	9	
3372	8½	43 36.95	60 31 60.3	210	82	
	8	37.23	59.9	272	27	
3373	8½	43 37.31	57 36 27.2	263	29	
	8½	37.43	30.2	253	139	
	8	37.50	27.6	647	109	
	8½	37.50	28.8	585	6	
3374	9½	43 39.33	57 35 58.4	263	30	
	9½	39.53	60.3	647	111	
	9½	39.61	59.1	253	141	
	9½	39.88	59.1	585	7	
3375	9½	43 40.12	50 42 32.6	650	122	
	9	40.30	31.6	560	165	
3376	9	43 40.69	55 12 13.1	641	115	
3377	8	43 41.09	67 4 58.3	573	13	
	8½	41.13	56.0	238	138	
3378	8½	43 41.80	27 57 17.8	639	110	
	8½	41.80	17.6	649	140	
	8½	41.84	14.4	582	91	
3379	9	43 42.55	44 58 44.3	637	211	
	9	42.68	44.7	654	99	
	9	42.70	47.0	637	213	
3380	9	9 43 42.60	42 47 29.9	245	39	
3381	9	9 43 43.07	32 55 18.7	660	42	
3382	9½	43 46.39	47 46 9.5	662	15	
3383	9½	43 49.49	53 59 52.3	259	135	
	9	49.60	52.7	658	30	
	9	49.71	53.3	564	113	
3384	8½	43 49.70	50 22 57.8	560	166	
3385	9	43 50.68	44 19 18.4	637	212	dpl. I.
3386	9	43 51.16	29 51 25.3	649	139	
	9	51.24	25.7	651	94	
	9	51.47	24.4	160	70	
3387	8½	43 51.18	76 11 25.1	173	34	
3388	9	43 54.30	52 23 35.1	562	119	
3389	9	43 54.38	34 20 49.7	274	16	
	8½	54.45	49.6	587	25	
3390	9½	43 55.26	43 20 14.9	627	265	
3391	9	43 56.41	57 4 41.7	585	4	
	9	56.48	40.4	647	108	
3392	7½	43 56.81	53 48 58.7	658	31	
	8	56.86	58.6	564	112	
	8	57.00	56.2	259	134	
3393	9½	43 57.32	40 12 18.2	619	66	
3394	9	43 57.56	74 16 18.6	202	4	
3395	9½	43 57.60	60 27 35.1	210	83	
	9	57.60	35.5	210	86	
	9	57.85	34.4	272	28	
3396	9½	43 58.43	37 39 45.0	606	29	
3397	3	43 58.70	64 29 31.2	557	99	dpl. II. n. pr.
3398	9½	43 58.91	56 52 22.8	645	95	[Comp. 9ª
3399	9½	43 59.24	28 46 16.8	582	93	
3400	8½	44 0.89	57 36 7.5	585	5	
	8½	0.92	9.3	647	110	
	9	0.95	6.7	263	31	
	8½	0.95	9.9	253	140	
3401	9	44 0.94	54 42 30.7	641	116	
3402	8	44 1.64	51 56 5.9	569	128	
	8½	1.77	8.8	650	125	
	8	1.90	7.9	562	122	
3403	8	44 1.95	55 37 7.1	249	128	
	8	2.08	9.5	643	104	
3404	8½	44 3.03	32 49 32.6	660	41	
	8	3.12	30.9	587	26	
3405	9½	44 3.22	47 46 13.1	662	16	
3406	9½	44 4.14	32 9 22.5	252	153	
3407	9	44 4.48	40 11 50.2	619	65	
3408	9	44 5.46	73 59 13.5	184†	78	
	9	5.55	12.7	189†	100	
	8½	5.82	14.1	202	1	
3409	9½	44 6.04	40 3 54.3	619	64	
3410	8½	44 6.11	25 26 11.5	157	65	
	8½	6.12	12.3	153	86	
3411	9½	44 6.14	30 8 45.5	651	96	
3412	9	44 6.66	35 45 18.5	275	12	
3413	9½	44 6.95	60 32 42.2	272	29	
3414	8	44 7.30	63 1 20.5	205	1	red
	8	7.44	19.3	236	118	
3415	9	44 8.70	44 51 29.7	654	100	
	8½	8.93	29.8	637	214	
3416	9½	44 10.32	52 25 39.4	256	120	
	9½	10.34	36.3	256	116	
	9	10.51	38.9	562	120	
3417	8½	44 10.56	50 25 5.2	560	167	
3418	8½	44 10.85	51 29 1.0	569	130	
	8½	10.86	1.3	650	123	
3419	9½	44 11.00	30 8 35.1	651	95	
3420	7	44 11.12	42 54 3.9	245	41	
	7½	11.20	6.3	627	266	
3421	7½	9 44 12.67	71 12 27.0	189†	97	
	8	12.90	27.2	238	142	
	8	12.93	29.9	636	138	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3422	8	9 44 12.72	37 46 6.1	606	30	
3423	9	44 12.84	51 50 31.6	569	129	
	9	13.02	33.5	650	124	
	9	13.08	30.7	562	123	
3424	8½	44 13.—	47 19 50.5	163	66	
	8	13.47	54.9	662	17	
3425	6½	44 13.75	36 36 17.9	268	91	
	6½	13.80	18.0	275	11	
3426	8½	44 14.10	28 27 3.2	649	142	
	8½	14.33	0.5	582	92	
3427	8½	44 14.62	23 46 57.1	150	63	
3428	9½	44 15.60	52 21 4.4	562	121	
3429	9	44 18.02	71 37 56.2	636	137	
3430	9	44 18.82	25 17 39.2	153	87	
	9	19.04	34.9	157	66	
3431	9	44 18.97	67 5 35.3	573	15	
3432	9	44 19.59	54 58 31.7	641	117	
3433	9	44 19.80	46 9 2.0	654	101	
	9	19.90	1.8	655	75	
3434	9	44 21.73	45 49 49.3	168	105	
3435	9	44 22.75	42 13 21.4	245	43	
3436	9½	44 23.31	59 30 37.2	269	41	
3437	8	44 23.50	60 25 58.0	210	85	
	8½	23.51	56.4	272	30	
3438	9	44 23.91	36 40 22.1	268	92	
	8½	24.11	19.9	275	10	
3439	9½	44 24.96	45 10 21.8	168	106	
3440	8	44 25.06	52 2 33.5	650	126	
	8	25.12	31.9	562	124	
3441	9½	44 26.77	59 59 57.7	272	31	
3442	8½	44 27.79	75 19 19.1	173	35	dpl. II. n. pr.
3443	8	44 27.93	54 54 47.4	641	118	
3444	8½	44 28.53	23 54 24.0	150	64	
3445	8	44 28.96	28 18 3.2	649	141	
	8	29.00	5.8	582	94	
3446	9	44 30.73	58 32 56.9	579	37	
3447	9	44 31.99	53 0 18.9	256	117	
	8½	32.32	17.8	571	117	
3448	8	44 32.23	29 19 13.3	649	143	
	8½	32.31	11.8	160	71	
3449	6½	44 33.36	55 49 48.7	249	130	
	6½	33.57	50.1	643	103	
	6½	33.63	50.6	253	143	
3450	7	44 33.86	35 41 9.4	268	93	
	6½	33.95	10.2	275	13	
3451	8	44 34.08	68 55 26.7	573	18	
3452	9	44 35.69	46 28 13.2	655	77	
3453	8½	44 36.06	42 12 52.9	245	42	
3454	9½	44 36.90	53 28 54.6	259	136	
	9½	37.14	51.3	564	114	
3455	8	44 37.23	56 29 50.0	253	142	
	8½	37.26	50.1	645	96	
	8	37.44	51.1	581	4	
3456	8½	44 37.55	59 36 52.2	269	39	
3457	9½	44 38.96	35 45 18.5	275	15	
3458	9½	44 39.29	63 5 34.4	236	119	
	9½	39.39	36.7	205	2	
	9½	39.44	36.8	205	4	
3459	9	44 39.42	67 1 28.0	573	14	
3460	8½	44 39.84	33 58 35.1	660	46	
3461	9½	44 40.20	49 51 33.7	560	168	
3462	8½	44 40.78	26 38 23.2	153	88	
	8½	40.85	21.3	639	111	
3463	8	44 40.96	67 41 35.6	573	17	
3464	9	44 41.81	55 19 36.9	641	120	
3465	9½	44 42.02	24 2 40.8	150	65	
3466	8½	44 43.83	30 46 55.3	651	97	
3467	9	44 44.29	51 27 11.3	569	131	
3468	10	9 44 44.37	53 5 0.9	571	118	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3469	9½	9 44 45.77	40 23 51.7	619	68	
3470	9½	44 46.08	56 14 31.1	581	5	
3471	10	44 46.09	54 26 50.6	641	119	
	9½	46.28	48.2	658	32	
3472	9	44 46.59	55 37 21.8	249	131	
	8½	46.63	20.8	249	129	
	8½	46.73	24.6	643	105	
3473	9	44 46.72	51 24 58.9	569	132	
3474	8½	44 46.82	50 4 38.2	560	169	
3475	9½	44 47.79	52 56 42.1	571	119	
	9½	48.02	43.6	256	118	
3476	9½	44 47.84	46 39 16.2	655	76	
3477	8	44 50.61	38 22 12.9	606	32	
3478	9½	44 53.21	38 46 24.7	606	31	
3479	8	44 54.14	79 0 55.3	173	33	
3480	8½	44 55.02	33 31 52.2	660	45	
3481	8	44 55.48	73 32 8.9	189†	99	
	8	55.78	9.4	202	3	
	8½	55.84	8.8	636	139	
3482	8½	44 56.03	32 59 27.2	660	44	
3483	8½	44 56.62	67 28 26.0	573	16	
3484	9	44 57.24	70 2 20.4	238	144	
3485	8	44 58.36	59 33 6.0	269	40	
3486	9½	44 58.58	32 44 39.2	587	27	dpl. IV.
3487	9	45 1.48	66 16 52.8	557	100	
3488	9	45 1.89	53 36 44.9	259	137	
	9	2.07	44.6	564	115	
3489	9½	45 2.—	47 28 11.6	163	68	
	9	2.74	15.3	662	20	
3490	8	45 2.81	71 26 11.8	189†	98	
3491	9½	45 3.68	53 19 50.4	571	120	
3492	8½	45 3.97	68 59 31.8	573	19	
3493	9½	45 5.65	55 51 45.4	249	132	
	9½	5.71	47.4	643	106	
3494	9	45 5.97	61 34 57.4	210	87	
3495	8	45 6.00	51 32 39.6	569	133	
	8	6.03	40.4	650	127	
3496	6	45 6.12	45 8 58.9	637	216	
	6	6.16	59.1	654	103	
	5½	6.29	58.7	168	108	
3497	9	45 7.48	25 44 60.0	153	89	
	8½	7.54	57.4	157	67	
3498	9½	45 7.94	62 37 44.0	208	3	
3499	9	45 8.11	62 16 21.4	208	2	
	9	8.17	22.7	208	5	
3500	8½	45 8.43	51 17 20.6	569	134	
	8½	8.66	24.2	650	128	
3501	9	45 9.47	58 11 27.3	579	38	
3502	8½	45 9.50	63 24 13.6	205	3	
3503	9	45 9.71	41 50 47.5	245	44	
3504	9	45 10.63	45 8 12.8	654	102	
	9	10.84	13.3	637	215	
	9	10.84	13.6	168	107	
3505	9	45 12.77	44 4 7.0	627	267	
	9½	12.96	8.6	637	217	
3506	9	45 13.15	27 31 57.9	639	112	
	9	13.43	56.9	582	95	
3507	9	45 13.80	40 16 40.7	619	69	
3508	7½	45 13.98	35 40 42.5	268	94	
	8	14.11	45.1	275	14	
3509	9	45 14.89	41 58 22.8	245	45	
3510	8½	45 14.89	47 21 51.0	662	18	
	8½	15.—	50.0	163	67	
3511	9½	45 16.18	53 33 53.1	259	139	
	9½	16.64	52.6	564	116	
3512	9½	45 17.91	55 45 61.5	643	107	
	9½	17.95	59.0	249	133	
3513	9	45 19.44	68 12 14.8	573	20	
3514	8	9 45 19.92	41 11 30.0	619	67	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3515	9½	9 45 20.50	56 59 44.4	647	112	
3516	9½	45 20.61	72 59 58.3	636	141	
3517	9½	45 21.00	63 1 23.6	205	5	
	10	21.12	20.9	236	120	
3518	9	45 21.92	45 35 4.3	168	109	
	9	21.96	3.5	654	104	
3519	9	45 22.72	53 28 46.7	564	117	
	8½	22.74	47.9	259	140	
	8½	22.84	47.3	259	138	
3520	9	45 24.54	45 53 56.7	654	105	
3521	8½	45 24.77	49 12 16.3	171	78	
3522	9	45 25.30	52 29 44.5	562	125	
	9	25.41	45.8	256	121	
	9	25.52	45.2	256	119	
3523	9½	45 26.65	43 58 5.5	627	268	
3524	9	45 27.43	57 28 13.3	263	32	
	9	27.44	14.4	647	113	
	9	27.63	15.3	585	8	
3525	9½	45 27.97	73 29 31.1	636	140	
3526	9	45 28.25	32 47 22.9	587	28	
3527	8	45 29.25	50 2 23.7	560	170	
3528	8½	45 31.67	30 21 6.6	651	98	
	8½	31.81	6.8	160	72	
3529	8½	45 31.89	27 54 1.3	639	113	
	8½	31.99	0.4	649	144	
	8½	32.11	1.2	582	96	
3530	8	45 32.65	49 2 6.1	171	79	
3531	10	45 33.12	54 24 42.5	641	121	
	10	33.54	44.9	658	33	
3532	9½	45 33.98	45 27 30.8	168	110	
3533	8	45 34.72	30 55 31.8	252	154	
	8½	34.76	32.2	160	73	
	8	34.77	31.8	651	99	
3534	9	45 36.19	25 21 0.6	153	91	
3535	9	45 36.58	31 11 42.2	252	155	
3536	8	45 36.98	62 26 22.5	208	4	
	8	37.10	25.4	236	122	
3537	9	45 37.39	37 9 25.3	268	95	
3538	9½	45 38.68	58 59 37.3	579	39	
3539	9½	45 39.86	63 3 11.9	205	6	
3540	8	45 41.31	38 15 25.8	606	33	
3541	10	45 41.32	59 34 24.1	269	43	
3542	9	45 41.49	31 56 24.6	660	47	
3543	8	45 44.79	49 51 5.0	560	171	
3544	9	45 46.70	26 49 56.0	639	114	
	9	46.76	55.6	582	97	
3545	8½	45 46.75	49 45 7.3	560	172	
3546	8½	45 46.94	47 23 18.1	662	19	
	9	47.—	17.7	163	69	
3547	9	45 49.25	44 7 17.0	627	269	
	9	49.70	16.5	637	218	
3548	9½	45 49.61	25 18 8.2	157	68	
	9½	49.64	7.4	153	90	
3549	9	45 49.81	49 35 28.3	560	173	
3550	8	45 50.40	62 34 10.0	236	121	
	8	50.45	11.3	208	6	
3551	9	45 50.58	57 19 22.8	647	115	
	9	50.61	22.6	585	11	
3552	9	45 50.65	36 14 43.4	275	16	
3553	9	45 52.50	44 6 25.2	627	270	
	9	52.79	25.7	637	219	
3554	9	45 52.77	59 40 44.5	272	33	
	8	52.88	43.0	269	42	
3555	6½	45 54.66	46 21 2.8	655	78	
3556	8½	45 56.09	56 25 26.0	645	97	
	8½	56.32	25.9	581	6	
3557	9½	45 56.56	68 9 37.6	573	22	
3558	9	45 56.65	48 4 12.4	662	22	
3559	9	9 45 57.83	45 56 41.6	654	106	
	9	57.85	42.6	655	79	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3560	8	9 45 58.75	58 13 33.8	579	40	
3561	9½	46 0.56	38 14 7.3	606	34	
3562	9	46 1.77	45 44 0.9	168	112	
3563	10	46 2.51	39 31 17.0	619	70	
3564	10	46 2.59	59 41 3.4	272	32	
3565	8	46 2.83	42 54 5.3	627	271	
3566	9	46 2.97	46 1 49.5	654	107	
3567	9	46 3.19	54 41 15.0	641	123	
	9	3.28	11.4	249	134	
3568	9	46 4.32	47 59 28.1	662	23	
3569	9	46 7.44	62 43 23.4	208	7	
3570	9	46 11.89	56 57 40.4	253	144	dpl. II. n.pr.
	9	12.08	44.1	585	9	
3571	9½	46 12.53	41 46 31.8	245	47	
3572	8½	46 12.55	57 37 53.1	253	146	
	8½	12.57	52.8	263	34	
3573	8½	46 13.07	70 20 12.7	238	143	
3574	9	46 13.80	46 2 42.1	654	108	
3575	8	46 14.65	57 27 43.0	253	145	
	8	14.70	39.7	263	33	
	8	14.83	40.3	647	114	
	8½	14.86	39.8	585	10	
3576	8½	46 15.61	23 38 9.1	150	66	
3577	6	46 16.67	76 11 34.8	173	36	
3578	8½	46 16.85	61 40 8.2	210	88	
3579	9	46 17.15	30 8 36.7	649	145	
3580	9	46 18.57	48 0 5.0	662	24	
3581	9½	46 19.07	54 5 13.7	658	34	
3582	8½	46 20.36	50 55 5.7	569	136	
	8½	20.68	5.7	560	174	
3583	8½	46 20.57	59 25 7.4	269	44	
3584	9½	46 21.43	55 47 46.9	643	108	
3585	9	46 21.62	47 29 12.0	662	21	
3586	9	46 22.08	52 48 10.6	256	122	
	9	22.11	10.2	571	122	
3587	8½	46 23.11	34 40 40.9	587	29	
	9	23.19	42.4	274	17	
3588	9	46 23.27	39 5 55.3	619	71	
	8½	23.41	55.8	606	37	
3589	9½	46 24.27	51 15 37.3	650	129	
	9	24.27	36.0	569	138	
	9	24.39	33.6	569	135	
3590	8½	46 24.70	60 0 32.7	272	34	
3591	8	46 26.06	58 52 57.2	269	45	
	8	26.20	56.4	579	41	
3592	9	46 27.41	52 43 9.3	562	126	
	9	27.60	9.8	571	121	
3593	8½	46 27.75	26 48 17.2	639	115	
	8½	27.97	20.2	582	98	
3594	8½	46 27.78	52 58 9.6	571	126	
3595	9	46 28.31	32 32 0.9	252	157	
	9	28.60	0.8	660	48	
3596	9½	46 29.28	38 32 46.0	606	35	
3597	8½	46 29.38	23 20 29.6	150	67	
3598	7	46 29.45	32 23 37.2	660	49	
	7	29.59	35.9	252	156	
3599	6	46 29.61	45 36 33.1	168	111	
	6½	29.72	36.8	654	113	
3600	8	46 32.16	28 29 4.5	649	146	
3601	9½	46 33.98	52 41 33.5	571	123	
	9½	34.19	30.6	562	127	
3602	9½	46 34.10	54 40 55.3	249	136	
	9½	34.20	54.6	641	122	
3603	9	46 34.12	31 50 40.4	651	100	
	9	34.15	43.9	660	50	
3604	9	46 34.64	46 1 50.9	654	109	
	9	34.72	53.1	655	80	
3605	9	9 46 34.84	26 9 14.4	639	116	s.pr.
	9	34.88	15.5	153	92	
	9	35.03	14.8	157	69	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3606	9	9 46 35.51	35 26 30.0	275	17	
3607	9	46 35.92	41 55 56.6	245	46	dpl.
3608	9	46 36.07	26 8 54.6	639	117	n.sq.
	9	36.23	53.9	153	93	
	9	36.44	54.0	157	70	
3609	9	46 37.99	70 11 24.2	238	145	
3610	9½	46 39.22	34 39 22.1	587	30	
	9½	39.41	22.5	274	18	
3611	9½	46 39.44	57 27 32.2	263	35	
	9	39.56	34.6	585	13	
3612	9½	46 40.22	28 4 39.0	649	148	} dpl.
3613	9	46 40.34	28 4 27.5	649	147	
3614	8½	46 41.65	23 10 46.6	150	69	
3615	9	46 41.95	42 57 18.6	627	272	
3616	9	46 43.97	66 54 39.7	573	23	
3617	9½	46 45.68	62 55 56.5	205	8	
3618	9	46 46.15	60 22 56.7	272	37	
3619	9	46 46.51	52 35 52.3	256	123	
	9	46.61	52.1	571	125	
	9	46.79	49.1	562	128	
3620	9½	46 46.83	62 59 25.4	205	7	
3621	8	46 49.15	23 8 19.0	150	68	
3622	7½	46 49.19	45 55 34.5	168	113	
	7½	49.28	36.6	655	83	
	7½	49.35	35.1	654	112	
3623	9½	46 51.—	48 22 2.3	163	70	
3624	5	46 51.11	45 57 41.3	654	110	
	5	51.16	42.1	655	81	
	5	51.36	40.3	168	114	
3625	9	46 51.56	47 21 11.8	662	26	
3626	9	46 51.79	52 35 37.1	256	124	III. n.sq.
	9	51.87	34.5	562	129	
	9	52.01	34.9	571	124	
3627	9	46 52.41	51 21 16.8	650	130	
3628	9	46 52.62	48 56 13.2	171	80	
3629	7½	46 52.73	59 56 34.0	272	35	
3630	8	46 52.88	44 34 17.8	637	220	
3631	9½	46 53.40	44 25 43.6	637	222	
3632	9	46 53.96	39 9 59.3	606	36	
	9	53.99	59.8	619	72	
3633	8	46 56.11	69 29 23.4	238	146	
3634	9	46 56.58	41 51 7.0	245	48	
3635	9	46 57.41	52 18 24.8	256	125	
	9	57.51	22.0	562	130	
3636	10	46 58.56	53 12 50.4	259	141	
3637	9	47 0.02	57 32 19.6	253	147	
	9	0.05	18.2	263	38	
	9	0.24	18.7	647	117	
	9	0.30	19.2	585	12	
3638	9½	47 0.80	45 59 39.7	168	115	
	9½	0.92	40.4	655	82	
	9½	1.02	38.9	654	111	
3639	9	47 1.57	54 44 33.9	641	124	
	9	1.58	33.3	249	135	
3640	8½	47 2.17	34 31 22.1	587	31	
	8½	2.25	23.2	274	19	
3641	9	47 4.77	60 30 27.0	210	91	
3642	9	47 5.14	57 22 52.7	585	15	
	9	5.15	52.1	647	118	
	9	5.18	51.3	263	36	
	9	5.24	51.0	253	148	
3643	9½	47 6.09	51 16 33.3	569	137	
	9½	6.16	33.1	650	131	
3644	10	47 7.27	53 16 16.0	564	118	
3645	9½	47 7.65	59 1 34.8	269	47	
	9½	7.83	35.2	579	42	
3646	8½	47 8.11	55 40 52.2	643	109	
	8½	8.11	52.2	249	139	
3647	9	9 47 8.99	43 12 41.4	627	273	
3648	9	9 47 10.03	29 16 34.7	649	149	
3649	9½	47 10.09	44 21 20.8	637	223	
3650	9	47 11.51	30 39 21.1	651	101	
	9	11.53	21.4	160	74	
3651	9½	47 11.92	54 54 35.4	249	138	
	9	12.06	37.6	641	126	
3652	9½	47 12.18	59 15 2.5	269	48	
3653	9	47 12.52	26 40 32.0	639	120	
3654	9½	47 13.50	35 17 22.9	275	19	
3655	9½	47 14.63	57 25 50.4	585	14	
	9½	14.45	54.0	253	149	
	9½	14.59	52.0	263	37	
	9½	14.73	53.6	647	116	
3656	9	47 16.60	66 9 21.8	557	101	
3657	9	47 16.78	65 31 41.2	557	103	
3658	8	47 16.78	26 10 7.6	639	118	
	8	16.85	9.0	153	94	
	8	16.86	6.1	157	71	
3659	9	47 16.95	58 46 12.3	579	45	
3660	9	47 18.03	48 3 51.4	662	25	
3661	7	47 18.52	67 50 9.7	577	1	
	7	18.54	8.0	238	147	
	7	18.57	7.1	573	21	
3662	6½	47 18.61	58 50 17.3	269	46	
	6½	18.73	17.6	579	43	
3663	9	47 20.25	49 28 34.9	171	82	
	9	20.47	36.1	560	175	
3664	9	47 20.62	38 29 53.9	606	38	
3665	9	47 21.20	44 27 44.3	637	221	
3666	8	47 21.53	54 47 52.8	641	125	
	8	21.66	50.9	249	137	
3667	6½	47 22.25	26 44 53.5	639	119	
3668	9½	47 22.90	59 14 4.8	269	49	
3669	7½	47 22.93	54 4 8.1	658	36	
3670	9½	47 24.17	43 4 9.7	627	274	
3671	9½	47 24.51	57 40 41.8	263	39	
3672	6	47 24.73	62 9 31.9	208	8	
	6	24.76	33.0	210	89	
3673	9½	47 24.75	47 5 43.8	662	27	
	9½	24.93	42.8	655	84	
3674	9	47 25.00	54 19 44.4	658	35	
3675	8½	47 26.52	58 33 22.4	579	46	
3676	9	47 26.62	48 56 31.5	171	81	
3677	9	47 27.56	55 45 31.4	249	140	
	9½	27.81	31.5	643	110	
3678	9	47 28.07	51 46 35.1	650	132	
3679	10	47 28.57	42 58 16.6	627	275	
3680	8	47 29.11	23 5 42.6	150	70	
3681	8	47 29.45	60 31 14.8	210	90	
	9	29.63	13.1	272	38	
3682	9½	47 31.38	34 27 27.0	274	20	
	9	31.44	24.4	587	32	
3683	9½	47 31.64	40 52 9.6	619	73	
3684	9	47 32.65	37 33 24.9	606	39	
3685	9	47 33.39	36 43 51.6	275	20	
3686	9	47 33.67	59 44 51.4	272	36	
3687	9½	47 35.86	56 27 23.1	645	98	
3688	8½	47 36.25	42 4 19.2	245	50	
3689	9½	47 37.05	55 54 47.5	249	141	
	9	37.37	48.1	643	112	
	9	37.54	47.2	581	10	
	9	37.69	45.2	581	7	
3690	9½	47 38.48	39 57 39.4	619	74	
3691	8½	47 38.32	66 33 14.1	557	102	
3692	9	47 38.35	45 40 37.3	654	114	
3693	9	47 39.55	62 35 28.5	236	123	
	9	39.67	28.5	208	9	
3694	8½	47 40.43	25 34 17.8	153	95	
3695	9	9 47 40.55	56 32 5.1	645	99	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3696	9	9 47 42.08	42 10 39.1	245	49	
3697	9	47 42.39	73 18 50.6	636	142	
	9	42.52	50.2	202	5	
3698	9	47 43.68	58 41 53.6	579	44	dpl. III. n.pr.
3699	9	47 43.89	35 22 48.4	275	18	
3700	8½	47 44.19	63 39 53.9	236	124	
3701	8½	47 46.61	23 31 12.9	150	71	
3702	9	47 46.91	53 41 50.4	259	145	
3703	9	47 48.72	53 18 27.0	564	119	
	9	48.73	27.1	571	127	
	9	48.77	26.5	259	142	
	9	48.77	27.3	571	129	
3704	9	47 51.34	44 48 51.9	654	115	
3705	9½	47 52.05	47 5 23.1	662	28	
	9½	52.35	22.5	655	85	
3706	8	47 52.24	52 3 44.4	256	126	
	8	52.26	41.1	562	131	
3707	9½	47 53.11	43 16 54.5	627	276	
3708	7	47 53.25	75 11 48.8	202	7	
	7	53.30	48.0	636	143	
	7	53.53	50.1	173	37	
3709	9	47 54.11	56 11 51.5	581	8	
	8½	54.13	53.9	645	101	
3710	8	47 54.82	60 0 21.4	272	41	
3711	9	47 55.91	54 0 33.6	658	37	
3712	9	47 57.99	28 10 14.0	582	99	
	9	58.12	14.6	582	100	
3713	8½	47 58.65	36 50 23.2	275	21	
3714	8½	47 59.73	33 31 51.5	660	51	
	8½	59.80	51.9	587	33	
3715	9	47 59.85	29 8 52.7	649	151	
3716	9½	48 0.17	53 24 14.1	564	120	
	9½	0.33	15.0	259	143	
3717	9½	48 3.78	62 25 47.8	208	10	
3718	9	48 4.31	36 40 36.8	275	22	
3719	8	48 4.61	51 7 29.2	569	140	
	8	4.73	30.8	650	133	
3720	9	48 4.99	30 6 24.2	649	150	
	9½	5.14	25.7	651	102	
3721	9	48 5.24	42 11 7.2	245	51	
3722	9½	48 6.43	56 24 24.0	645	100	
3723	8½	48 6.94	59 50 47.1	269	51	dpl. III. s.pr.
	8½	7.07	50.0	272	40	
3724	9½	48 7.42	54 50 29.8	641	127	
3725	8	48 8.99	37 49 16.8	606	40	
3726	9	48 9.72	56 3 40.9	249	142	
	9	9.74	42.0	581	9	
	9	10.00	41.9	643	111	
3727	9	48 10.71	39 13 16.3	619	76	
3728	8½	48 11.77	58 15 18.1	263	41	
	8	11.95	18.8	579	47	
3729	8	48 12.26	31 30 43.8	252	158	
	8½	12.38	45.9	651	103	
3730	8½	48 12.85	52 55 42.4	571	128	
3731	9	48 13.06	59 21 16.4	269	50	
3732	9	48 13.06	75 34 41.1	173	38	
3733	9½	48 13.46	50 29 26.9	560	177	
3734	8½	48 14.14	46 5 55.7	654	116	
	8½	14.27	56.3	655	86	
	8½	14.34	54.6	168	118	
	8½	14.41	54.8	168	116	
3735	9½	48 14.16	62 24 14.7	208	11	
3736	9	48 17.07	33 30 24.2	587	34	
	9	17.22	25.0	660	52	
3737	10	48 17.28	39 54 3.4	619	75	
3738	10	48 17.38	57 39 45.2	263	40	
3739	9	48 17.52	50 27 6.9	560	176	
3740	9½	48 17.55	43 53 42.6	637	225	
3741	9	9 48 17.68	53 43 51.5	259	148	
3742	9½	9 48 17.93	53 22 1.8	259	144	
3743	8	48 19.92	43 59 49.1	627	277	
	7½	20.02	49.5	637	224	
3744	9	48 22.95	47 53 29.3	662	29	
3745	9	48 23.09	48 55 12.9	171	84	
3746	8½	48 23.36	50 54 31.6	569	139	
3747	9	48 24.09	49 10 43.3	171	83	
3748	8	48 24.21	54 51 57.1	641	129	
	8	24.29	56.8	249	143	
3749	8½	48 24.43	24 52 46.9	150	72	
	8½	24.49	49.3	153	96	
	8½	24.72	45.8	157	72	
3750	9½	48 25.11	55 27 50.9	643	113	
3751	9½	48 25.22	24 58 50.9	150	73	
3752	8½	48 26.97	42 36 26.1	245	53	
3753	7	48 27.95	27 24 33.8	639	121	
	7	28.10	34.6	582	101	
3754	8	48 28.03	48 20 30.9	662	30	
	8	28.20	29.4	171	85	
3755	8	48 29.18	32 38 45.5	252	159	
	8	29.28	48.0	660	53	
3756	8	48 29.80	51 31 14.4	650	135	
	8½	29.84	14.9	569	143	
3757	9½	48 30.90	27 22 37.9	639	123	
	9½	30.96	36.0	582	103	
3758	9½	48 32.31	54 49 1.7	249	144	
	9½	32.45	1.8	641	128	
3759	9½	48 32.71	53 35 29.5	259	146	
3760	5	48 32.75	25 20 39.6	157	73	
	5½	32.75	42.2	153	97	
3761	8½	48 33.63	46 9 39.7	655	87	
	9	33.70	40.3	168	117	
	9	33.70	38.2	168	119	
	9	33.71	39.9	654	117	
3762	9	48 34.13	37 28 16.1	606	43	
3763	8½	48 36.20	50 20 37.1	560	178	
3764	9½	48 37.19	45 7 40.1	654	119	
3765	9	48 37.75	27 24 56.1	639	122	
	9	37.95	55.6	582	102	
3766	9	48 38.01	53 37 9.9	259	147	
	9½	38.19	9.1	564	121	
3767	9½	48 38.22	51 20 22.5	569	142	
3768	8½	48 38.92	61 50 2.4	210	93	
3769	9½	48 39.39	42 13 25.0	245	52	
3770	9	48 39.87	62 4 6.3	208	13	
3771	9	48 40.31	52 17 32.6	562	132	
	9	40.38	31.3	562	133	
	9	40.40	31.5	256	127	
	9	40.43	30.1	650	136	
3772	9	48 40.88	60 24 3.4	210	92	
	9	40.91	2.5	272	39	
	9	41.07	2.7	272	42	
3773	8½	48 42.80	51 29 9.3	569	144	
	8½	43.18	8.8	650	134	
3774	7	48 43.83	54 47 4.0	249	145	
	7	43.92	4.7	641	130	
3775	8	48 44.41	37 41 59.5	606	41	
3776	8½	48 45.52	27 54 32.5	649	153	
	8½	45.64	32.8	639	124	
3777	8½	48 47.78	51 16 59.7	569	141	
	8½	47.79	59.4	650	137	
3778	8½	48 48.68	32 43 38.1	660	54	
	8½	48.80	36.7	252	160	
3779	8½	48 48.89	28 14 6.4	649	152	
3780	8½	48 49.74	54 25 55.4	658	38	
	8½	49.81	56.0	641	131	
3781	9	48 50.98	30 48 51.4	651	104	
	9	51.16	52.6	160	75	
3782	9	9 48 51.57	45 13 32.8	654	118	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3783	9½	9 48 52.55	62 10 41.1	208	12	
	9½	52.80	41.5	210	95	
3784	9½	48 53.80	46 16 15.5	168	121	
3785	8½	48 54.31	51 8 34.8	569	145	
3786	8	48 56.94	73 37 2.2	189†	101	
	8½	57.31	4.3	636	145	
	8	57.80	2.6	202	6	
3787	9	48 57.25	35 12 6.8	274	21	
3788	9½	48 58.90	58 43 13.4	579	48	
3789	9½	49 2.03	56 51 6.9	647	119	
3790	9	49 2.88	55 48 34.4	643	114	dpl. I.
3791	9	49 3.26	56 35 13.3	581	11	
3792	9½	49 3.87	56 51 25.1	585	16	
3793	9	49 4.94	43 1 30.4	627	279	
3794	8½	49 5.25	53 41 60.4	259	150	
	8½	5.32	59.6	564	123	
3795	9½	49 7.49	54 23 4.3	641	132	
3796	7½	49 7.84	76 25 39.2	173	39	
3797	8	49 9.81	34 18 59.9	587	35	
	8	9.84	60.3	274	22	
3798	8	49 10.32	71 33 27.8	577	2	
	8½	10.53	28.2	636	144	
3799	9	49 11.70	52 49 1.5	571	131	
3800	9½	49 11.86	53 16 29.4	256	128	
	9½	12.04	29.7	571	130	
3801	7½	49 11.89	36 41 54.0	275	23	
3802	9½	49 13.87	53 38 3.1	564	122	
3803	8½	49 14.04	44 44 27.6	637	226	
3804	8½	49 14.61	58 3 50.6	263	42	
3805	8½	49 14.65	37 35 50.7	606	42	
3806	9½	49 14.81	39 43 26.4	619	78	
3807	6½	49 15.34	50 33 24.2	560	179	
3808	8	49 16.16	42 19 39.2	245	55	
3809	9	49 16.89	46 30 15.6	655	88	
	9	16.92	15.3	168	122	
3810	8	49 17.55	22 54 22.2	150	74	
3811	9½	49 17.89	43 27 30.8	627	278	
3812	9	49 18.38	51 2 29.2	569	147	
	9	18.55	31.2	650	139	
3813	8½	49 19.84	27 29 9.6	582	104	
	8½	19.95	12.3	639	126	
3814	9½	49 21.15	53 44 7.8	259	149	
3815	9	49 21.98	44 41 40.1	637	228	} dpl.
3816	6	49 22.47	44 41 34.9	637	227	
3817	9	49 23.97	34 15 10.9	587	36	
	9½	24.02	10.5	274	23	
3818	9½	49 25.15	53 47 41.1	259	151	
3819	9	49 27.25	25 56 45.9	157	74	
	9	27.39	47.8	153	98	
3820	8	49 27.33	61 44 44.9	210	94	
3821	9	49 28.18	48 57 52.5	171	86	
	9	28.48	52.8	171	88	
3822	9½	49 28.49	54 29 40.1	658	41	
	9½	28.60	39.1	641	133	
3823	8½	49 29.43	39 37 21.6	619	77	
3824	8½	49 29.72	67 0 25.4	238	148	
	8	30.11	25.4	573	24	
	8	30.11	28.2	573	29	
3825	9	49 31.85	35 2 13.4	587	38	
	9	31.95	13.1	274	24	
	8½	32.05	12.6	275	26	
3826	7	49 32.08	46 2 47.4	655	89	
	6½	32.09	46.5	168	120	
	7	32.19	48.9	654	123	
3827	9½	49 33.50	62 55 20.6	236	126	
	9	33.57	23.0	205	11	
	9	33.60	20.2	236	125	
	9	33.63	21.1	208	14	
	9	33.67	23.0	205	9	
3828	9½	9 49 34.81	33 56 30.7	660	55	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3829	8	9 49 35.48	27 56 42.9	639	125	
	8	35.59	42.9	649	154	
	8	35.69	42.2	582	105	
3830	8½	49 36.00	35 2 21.5	587	37	
	8	36.13	22.6	275	25	
	8½	36.18	22.8	274	25	
3831	8½	49 36.31	45 8 38.7	654	120	
3832	9	49 36.48	54 12 18.3	658	39	
3833	8½	49 36.59	51 10 1.5	569	146	
	8½	36.61	3.7	650	138	
3834	8	49 37.55	36 44 56.7	275	24	
3835	7½	49 37.78	42 43 47.3	245	54	
3836	8	49 38.53	54 15 28.6	658	40	
3837	8½	49 42.52	28 40 52.3	649	155	
	8½	42.61	54.5	582	106	
3838	9	49 42.65	52 27 14.7	562	134	
3839	7½	49 45.02	33 5 56.7	252	162	
	7½	45.11	58.7	660	56	
3840	7½	49 45.69	32 46 18.6	660	57	
	7½	45.70	14.5	252	161	
3841	9½	49 46.16	53 3 1.7	571	132	
3842	8½	49 46.95	48 46 31.8	171	87	
3843	8	49 47.60	42 57 20.9	627	280	
3844	8½	49 48.73	77 41 44.3	173	42	
3845	8½	49 48.90	45 10 54.0	654	121	
3846	9½	49 50.53	24 56 16.2	153	99	
3847	9½	49 51.07	54 30 32.1	658	44	
	9½	51.30	30.9	641	135	
3848	9	49 51.09	57 1 42.0	585	17	
3849	9	49 52.10	67 30 12.0	573	25	
3850	9	49 53.14	52 23 45.6	562	135	
3851	9½	49 54.46	28 22 26.9	582	107	
3852	9	49 54.62	57 3 21.2	585	18	
3853	8½	49 56.54	53 37 49.2	259	152	
	9	56.85	49.2	564	124	
3854	9	49 56.66	49 39 58.1	171	90	
3855	8½	49 56.66	47 28 42.9	662	31	
	9	56.99	41.6	163	71	
3856	9	49 56.71	59 10 44.9	269	54	
	8½	56.80	43.3	269	52	
3857	9	49 56.86	40 10 21.6	619	80	
3858	8½	49 56.91	49 39 57.5	560	180	
3859	9½	49 56.98	42 22 41.4	245	56	
3860	9½	49 57.82	50 16 39.4	560	183	
3861	9½	50 0.19	35 0 22.3	587	39	
	9½	0.33	25.7	274	26	
3862	9½	50 0.53	48 25 33.4	662	32	
3863	9	50 0.97	67 44 58.3	573	27	
3864	9	50 1.02	44 13 12.3	637	230	
3865	8½	50 1.29	67 48 48.8	573	26	
	9	1.41	47.8	238	151	
3866	9	50 2.58	54 37 16.2	641	134	
	9	2.68	13.3	249	146	
	9	2.75	16.6	658	43	
3867	9½	50 3.24	44 41 58.5	637	229	
3868	9½	50 4.13	43 58 51.7	627	281	
3869	9½	50 4.38	28 19 25.0	582	108	
3870	9	50 4.55	49 2 22.1	171	89	
3871	9	50 4.58	38 10 18.8	606	45	
3872	9½	50 4.96	55 46 37.7	643	115	
3873	9	50 5.57	38 20 6.3	606	44	
3874	9½	50 6.94	53 22 14.4	256	129	
	9½	7.04	13.3	564	125	
3875	9½	50 7.88	76 20 1.2	173	40	
3876	9½	50 9.39	53 47 16.1	259	155	
3877	10	50 9.48	58 12 37.3	263	44	
3878	9½	50 9.49	40 28 41.0	619	79	
3879	9	50 9.75	53 36 52.7	259	153	
3880	8	9 50 10.96	45 8 58.5	654	122	
	7½	11.08	60.1	637	232	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
3881	6	9 50 12.50	49 39 11.4	171	91
	6	12.57	9.2	560	181
3882	9½	50 12.83	63 36 9.7	236	127
	9	13.26	8.0	205	10
3883	9	50 16.35	67 9 32.4	238	149
	9	16.56	34.3	573	30
3884	9	50 16.71	48 5 17.3	662	33
3885	9	50 18.38	31 59 38.3	252	163
	9	18.50	39.2	660	58
	9	18.50	39.4	651	105
3886	7½	50 19.59	61 31 42.5	210	96
3887	8	50 20.64	39 50 34.6	619	81
3888	9½	50 22.10	26 28 36.3	639	129
3889	9½	50 22.65	58 11 4.8	263	43
3890	8½	50 23.71	50 24 22.6	560	184
3891	9	50 25.42	54 45 31.9	249	148
3892	9	50 25.57	36 29 44.0	275	28
3893	9½	50 25.84	52 53 6.6	571	133
3894	9	50 26.54	52 3 0.3	562	136
	9	26.55	1.6	569	148
	9½	26.71	4.2	256	130
	9	26.73	1.7	650	140
3895	8½	50 27.60	26 19 23.2	639	127
	8½	27.87	24.2	153	100
3896	9	50 27.76	27 54 32.9	649	156
3897	8½	50 27.84	54 33 18.8	259	156
	8½	27.88	19.3	641	136
	8½	27.90	16.5	249	147
	8½	27.98	20.2	658	42
3898	8½	50 29.39	33 53 9.6	587	40
3899	9	50 29.25	26 27 12.0	153	101
	9	29.26	12.7	639	128
3900	8½	50 29.82	36 34 8.1	275	27
3901	9	50 30.45	56 34 43.2	581	12
3902	7½	50 30.67	71 21 14.3	202	9
	7	30.73	14.1	636	146
3903	8	50 31.45	24 29 13.9	150	75
	8	31.61	13.7	157	75
3904	8½	50 31.67	49 42 49.2	560	182
3905	7	50 31.72	57 49 49.2	263	48
3906	9	50 32.80	64 24 52.1	557	104
3907	9½	50 34.59	28 25 15.3	582	109
3908	9½	50 35.66	58 39 36.3	579	50
3909	9	50 39.04	53 47 50.0	259	154
3910	9½	50 39.12	45 35 19.1	654	124
	9½	39.19	18.5	168	123
3911	9	50 40.87	58 9 14.2	579	51
3912	9	50 41.33	42 46 34.6	245	59
3913	7½	50 42.34	70 51 48.2	636	147
	7½	42.40	46.2	202	8
	7½	42.60	48.6	577	3
3914	8½	50 42.64	44 15 11.5	637	231
3915	7	50 43.81	30 29 56.1	651	108
	7	43.94	55.8	160	76
3916	8½	50 44.10	42 23 56.2	245	57
3917	8	50 45.27	42 35 40.9	245	58
3918	9½	50 45.42	61 28 31.2	210	97
3919	8	50 46.77	38 57 33.5	606	47
3920	8½	50 46.81	57 8 7.9	585	19
3921	8½	50 47.03	56 29 59.8	581	13
3922	9½	50 47.76	31 6 57.1	651	107
3923	9	50 48.24	58 2 23.4	263	46
3924	9	50 50.41	58 53 52.4	269	53
3925	9	50 50.65	58 40 32.8	579	49
3926	8½	50 51.65	58 27 36.0	579	53
3927	9	50 51.90	29 45 42.1	649	157
3928	9½	50 52.62	58 6 15.1	263	45
3929	9	50 54.09	57 44 22.1	263	49
3930	8½	50 55.70	30 16 54.6	160	77
3931	8½	9 50 55.70	31 38 59.7	651	106
3932	7½	9 50 56.42	40 13 52.1	619	82
3933	8½	50 57.44	24 44 26.6	150	76
	8½	57.49	26.3	157	76
3934	8½	50 57.48	43 1 28.6	245	60
	9	57.66	30.0	627	282
3935	9	50 57.71	76 44 4.1	173	41
3936	9	50 57.92	54 55 27.1	641	138
3937	7	50 58.19	56 47 27.3	581	15
	7	58.24	25.5	585	21
3938	9	50 58.20	57 52 29.2	263	47
3939	8	51 1.23	37 54 54.4	606	46
3940	8	51 1.37	29 20 40.0	649	158
3941	9	51 2.54	62 51 34.2	205	12
	9	2.78	32.8	208	15
3942	9½	51 4.24	59 14 17.4	269	55
3943	9	51 4.29	54 32 57.5	641	137
	9½	4.41	57.3	259	157
	9	4.53	58.3	658	45
3944	9	51 4.68	40 11 30.4	619	83
3945	8½	51 5.68	73 29 30.3	636	148
	9	5.93	30.1	202	10
3946	7	51 6.52	25 57 26.1	153	102
	6½	6.54	27.2	639	130
3947	8½	51 7.81	51 42 51.3	650	141
	8½	7.85	50.8	569	149
3948	6½	51 7.99	32 49 30.9	252	164
	6½	8.08	33.1	660	60
3949	8	51 8.45	60 2 55.5	272	43
3950	8½	51 9.47	55 42 17.7	249	149
	8½	9.64	17.9	643	116
3951	9	51 11.68	33 9 20.7	252	165
	8½	11.80	22.0	660	59
3952	8	51 11.69	28 40 22.6	582	110
3953	7	51 15.45	26 52 56.6	582	112
3954	9½	51 16.77	57 24 31.1	263	51
3955	9½	51 16.81	53 18 61.4	564	126
	9½	16.97	57.6	571	134
3956	9½	51 17.66	45 17 59.2	654	126
3957	9	51 17.71	27 56 45.9	649	159
	9	17.79	46.6	582	111
3958	8½	51 20.09	56 50 13.6	585	23
	8½	20.39	11.9	581	16
3959	9	51 21.11	47 27 51.1	662	35
3960	7	51 21.32	69 18 14.5	577	4
3961	9½	51 22.08	62 40 23.7	236	128
	9	22.19	22.2	208	16
3962	8	51 22.08	44 39 48.4	279	1
	8	22.17	47.0	637	233
3963	8½	51 22.16	56 20 38.2	581	17
	8½	22.26	37.1	581	14
3964	8½	51 22.97	51 42 3.9	650	142
	8½	23.10	4.0	569	150
3965	8	51 23.01	52 23 10.8	256	131
	8	23.10	8.5	562	139
	8	23.12	7.9	562	137
3966	10	51 23.49	36 32 30.5	275	29
3967	9	51 23.98	57 21 28.9	263	50
3968	9	51 25.64	47 6 20.9	655	90
	8½	25.70	20.8	168	127
3969	9½	51 26.54	51 59 7.6	569	151
3970	9	51 26.71	48 27 59.7	171	93
	9	26.98	57.5	163	72
3971	9	51 27.61	46 26 40.0	168	125
3972	8½	51 27.63	45 47 48.0	654	125
3973	9½	51 27.85	39 32 26.5	619	85
3974	9	51 28.29	67 7 42.5	238	150
	8½	28.39	42.4	573	28
3975	9	51 29.50	32 39 33.9	660	61
3976	9	51 30.98	62 56 54.3	205	13
3977	8	9 51 32.29	58 8 52.5	579	52

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3978	7	9 51 32.95	47 9 39.3	662	37	
	7½	33.06	36.1	655	91	
	7½	33.25	36.7	168	126	
3979	9	51 33.23	53 28 21.9	564	127	
3980	9½	51 33.86	36 54 55.6	606	48	
3981	8	51 34.96	34 13 56.1	274	29	
3982	9	51 35.35	32 34 18.2	660	62	
3983	8½	51 35.46	46 28 8.8	168	124	
3984	9	51 36.52	50 40 16.8	560	186	
3985	7½	51 36.90	69 1 49.6	573	33	
	7½	37.01	51.3	577	6	
	7½	37.10	51.0	577	5	
3986	9½	51 37.30	28 26 18.3	649	160	
3987	9	51 37.97	35 5 52.4	274	27	
	9	38.09	51.4	275	31	
3988	9½	51 39.71	39 36 22.1	619	84	
3989	8	51 40.16	47 48 58.5	662	34	
	8	40.45	56.4	163	74	
3990	9	51 40.60	48 13 53.7	171	92	
	9	40.60	53.4	163	73	
3991	9	51 41.49	28 26 42.6	649	161	
3992	8½	51 41.82	64 28 50.4	557	105	
3993	9½	51 42.91	60 33 11.8	272	44	
3994	7½	51 42.99	58 30 49.2	579	55	
3995	8	51 43.27	26 42 34.6	639	133	
3996	9½	51 45.10	43 41 5.6	627	283	
3997	9½	51 45.21	39 26 15.5	619	86	
3998	8½	51 45.30	26 0 58.5	639	131	
	9	45.34	58.7	153	103	
	9	45.57	56.3	157	77	
3999	8	51 45.45	26 36 11.0	639	134	
	8	45.55	9.7	153	105	
4000	6½	51 45.76	50 44 31.1	650	143	
	7	45.87	32.7	560	185	
4001	9	51 46.23	26 15 47.1	639	132	
4002	8½	51 46.39	68 25 31.4	573	32	
4003	7½	51 47.28	53 1 33.1	256	134	
	7	47.32	32.8	571	135	
4004	7	51 47.89	32 15 46.6	252	166	
4005	9½	51 50.26	26 3 18.4	153	104	
4006	8½	51 50.77	34 29 25.5	274	28	
4007	9½	51 52.31	61 12 14.6	210	99	
4008	8½	51 52.72	56 56 23.0	585	20	
	8½	52.79	24.0	585	22	
4009	9	51 53.69	30 34 42.4	651	109	
	9	53.96	43.0	160	78	
4010	9½	51 53.75	32 5 14.5	252	167	
4011	10	51 55.07	61 7 4.5	210	98	
4012	9	51 56.51	55 18 44.3	643	117	
	9	56.59	45.9	641	139	
	9	56.65	45.0	249	150	
4013	9	51 56.91	54 33 26.2	641	140	
	9½	56.93	24.6	249	151	
	9	56.98	25.4	259	159	
	9	56.98	24.8	658	49	
4014	9	51 57.39	34 56 21.7	275	30	
4015	9	51 57.81	30 51 22.4	252	168	
4016	9	51 59.41	26 45 29.9	639	135	
4017	9	52 1.78	56 54 4.5	585	24	
4018	8	52 2.05	47 4 58.2	662	38	
	8	2.16	54.4	655	92	
	8	2.28	55.0	168	128	
4019	7½	52 4.54	51 14 13.5	650	144	
	8	4.57	13.5	569	152	
4020	9	52 5.68	44 47 17.0	279	2	
	9	5.86	16.3	637	235	
4021	9½	52 5.76	43 18 2.2	627	284	
4022	9	52 6.02	52 26 12.9	562	141	
	9	6.06	9.5	256	132	
4023	9½	9 52 7.75	32 44 18.9	660	64	
4024	9	9 52 10.67	28 27 8.9	649	162	
4025	8½	52 11.61	48 29 21.1	171	94	
4026	9½	52 11.93	47 3 49.2	655	93	
	9½	11.95	51.2	168	129	
4027	9½	52 12.17	52 42 38.5	256	135	
	9½	12.35	35.9	571	136	
	9½	12.40	34.8	562	138	
4028	8	52 13.36	53 49 28.2	259	162	
	9	13.55	28.6	564	128	
	8	13.59	28.1	658	46	
4029	8½	52 14.36	46 4 55.4	654	127	
	8½	14.42	56.9	655	94	
4030	8½	52 18.54	42 42 49.7	245	61	
4031	9	52 18.85	28 9 28.1	582	113	
4032	9½	52 20.80	43 7 28.5	627	286	
4033	8½	52 21.39	32 40 22.3	660	63	
4034	9½	52 22.00	52 16 20.5	256	133	
4035	9	52 22.79	33 37 13.1	660	65	
	9	22.86	12.8	587	41	
4036	8	52 22.83	54 29 20.2	641	141	
	8	22.91	21.3	658	48	
	8	22.93	17.0	249	152	
	8½	23.07	18.5	259	158	
4037	9	52 22.86	23 15 2.5	150	77	
4038	9	52 23.33	35 3 52.0	275	32	
4039	8½	52 23.45	45 2 14.5	279	3	
	8½	23.54	16.8	637	237	
	8½	23.57	16.5	654	128	
	8½	23.61	14.2	637	234	
4040	9	52 24.20	54 25 37.8	658	50	
	9	24.29	39.0	641	143	
	9½	24.30	36.5	249	153	
	9	24.40	35.3	259	160	
4041	9	52 24.86	48 34 32.7	171	95	
4042	9	52 25.07	31 11 54.5	651	110	
4043	9	52 26.73	50 30 42.4	560	188	
4044	4	52 28.61	53 58 22.7	658	47	
	4	28.69	23.3	259	163	
	4	28.72	21.9	564	129	
4045	9½	52 29.38	62 59 7.9	205	14	
4046	7½	52 29.40	68 35 46.6	238	154	dpl. II. n. sq.
	7	29.45	47.1	573	34	
4047	7	52 30.13	24 32 5.8	150	78	
	7	30.20	7.3	157	78	
	7	30.26	5.2	226	1	
4048	9½	52 30.65	47 28 38.0	662	36	
4049	9½	52 30.72	49 16 31.8	171	98	
4050	9	52 31.42	62 30 60.4	236	129	
	9½	31.44	59.6	208	18	
	9½	31.51	59.5	208	17	
4051	9	52 31.62	58 19 54.5	579	57	
4052	8	52 32.01	68 13 10.3	238	153	
	8	32.19	11.3	573	36	
	8	32.23	10.5	573	31	
4053	9	52 32.84	29 1 33.2	160	79	
4054	9½	52 34.62	52 21 13.5	562	140	
	9½	34.65	16.9	562	142	
4055	8½	52 36.97	57 3 36.4	585	25	
4056	9½	52 37.41	28 33 29.6	649	163	
4057	7½	52 38.62	48 57 39.2	171	96	
4058	9½	52 38.86	37 33 59.2	606	50	
4059	6½	52 39.21	52 2 38.6	569	154	
	6½	39.25	37.1	650	145	
	6½	39.39	38.0	256	136	
	6½	39.47	37.3	562	143	
4060	9	52 40.80	54 35 48.0	249	154	
	9	40.86	49.7	641	142	
	9	40.96	49.9	658	51	
	9½	41.05	46.5	259	161	
4061	9	9 52 40.83	43 6 14.7	627	285	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
4062	9½	9 52 41.13	55 44 5.6	643	119
4063	8½	52 44.19	38 58 44.1	606	49
	8½	44.24	43.8	619	87
4064	9	52 44.21	28 19 44.8	649	164
	9	44.46	41.3	582	114
4065	8½	52 44.26	58 12 52.1	579	58
4066	9	52 45.82	46 58 0.3	662	39
	9	45.96	0.3	168	130
	9	46.03	2.0	662	41
	9	46.05	1.4	655	96
	9	46.08	0.7	163	76
4067	9	52 46.82	58 21 5.5	579	54
4068	8½	52 47.00	55 27 4.5	249	155
	9	47.14	5.4	643	118
4069	7	52 48.00	79 28 13.8	173	44
4070	9	52 48.66	70 20 45.8	238	156
	8½	49.02	47.3	577	7
4071	8	52 49.25	23 44 25.8	150	79
	8	49.35	24.8	226	2
4072	9	52 50.20	55 44 23.4	643	120
4073	8½	52 51.33	45 20 14.1	654	129
4074	9	52 52.90	43 40 43.6	627	287
4075	8½	52 53.02	42 14 36.6	245	62
4076	6½	52 55.01	47 49 6.3	662	40
	6½	55.23	6.9	163	75
4077	9	52 55.29	50 23 50.4	560	187
4078	9½	52 55.34	48 46 30.8	171	97
4079	9½	52 56.10	52 50 16.8	571	137
4080	8½	52 56.30	74 47 14.2	202	11
4081	8½	52 58.09	51 19 19.6	569	155
	8½	58.09	17.7	569	153
4082	10	52 59.55	30 32 33.2	651	111
4083	8½	53 0.22	35 27 40.2	275	33
4084	8½	53 2.75	44 18 37.2	279	5
	9	3.02	35.6	637	236
4085	9½	53 2.81	33 21 53.5	660	66
4086	9	53 3.26	56 58 49.4	585	26
4087	9½	53 4.59	44 29 20.1	279	4
4088	9½	53 5.13	53 47 14.2	564	131
4089	9½	53 6.14	57 29 43.1	263	53
4090	9	53 6.29	58 28 55.7	579	56
4091	10	53 6.47	59 56 36.5	272	45
4092	9	53 7.19	59 26 23.4	269	56
4093	7½	53 7.38	28 42 27.4	582	115
	7½	7.46	28.0	649	165
4094	9½	53 8.18	39 34 46.2	619	89
4095	8	53 8.31	41 35 56.9	245	63
4096	9½	53 9.83	39 43 44.6	619	88
4097	9	53 10.50	77 3 46.1	173	46
4098	9½	53 10.66	47 2 26.1	662	42
	9½	10.73	24.4	168	131
	9½	10.77	27.4	655	97
4099	9	53 11.10	55 8 2.3	641	145
4100	9	53 11.38	37 35 19.1	606	51
4101	9	53 12.47	23 8 30.9	150	81
4102	9½	53 12.99	33 3 1.2	252	170
4103	9½	53 13.32	71 57 39.8	202	13
4104	9	53 14.40	66 57 22.2	591	1
4105	8½	53 14.98	46 26 29.2	655	95
	9	15.11	30.9	168	133
4106	8	53 15.81	33 4 10.7	252	169
	8½	15.93	11.7	274	30
	8	15.94	14.2	587	42
	8	16.03	14.6	660	68
4107	9½	53 16.28	26 28 17.8	639	136
4108	9	53 17.34	52 13 20.2	562	145
	9	17.36	20.3	256	137
	9	17.46	19.9	650	146
4109	9½	9 53 19.77	60 42 43.9	210	100
4110	6	9 53 20.05	23 21 13.0	226	3
	6½	20.07	12.4	150	80
4111	9½	53 20.35	54 40 29.1	259	165
4112	9	53 20.77	68 14 3.7	238	152
	8½	21.13	5.0	573	35
4113	9½	53 22.59	53 48 48.3	259	164
	9	22.60	47.8	564	130
4114	8	53 23.22	62 47 26.8	208	19
4115	8	53 24.39	56 16 4.1	581	18
4116	9	53 24.76	46 48 48.5	168	132
	8½	24.82	52.0	655	99
4117	9½	53 27.93	31 11 48.1	651	113
	9½	27.99	46.6	651	112
4118	8½	53 29.55	52 17 49.9	256	138
	8½	29.59	45.8	562	144
4119	9½	53 29.94	53 11 18.8	571	138
4120	9	53 30.34	55 11 58.9	641	144
4121	6	53 30.81	35 17 35.5	275	34
4122	8½	53 30.93	70 31 13.0	238	157
	8	30.98	13.2	577	8
4123	8½	53 31.63	50 27 14.6	560	189
4124	9	53 33.99	65 22 13.5	591	3
4125	9½	53 34.91	57 22 38.4	263	52
	9½	34.97	39.0	263	54
4126	8½	53 35.87	55 56 20.2	643	126
	8½	36.24	16.8	581	19
4127	8	53 36.02	40 45 45.7	619	90
4128	9	53 37.13	25 35 29.1	157	79
	9	37.21	30.7	153	106
4129	8½	53 38.92	68 6 29.1	573	37
4130	8½	53 39.35	56 48 30.5	585	27
	8½	39.59	30.3	581	22
4131	9	53 41.05	23 0 23.6	150	82
	9	41.21	23.0	226	4
4132	8½	53 41.56	32 55 10.0	252	171
	8½	41.62	13.7	274	32
	8½	41.72	10.0	660	67
	8½	41.83	12.0	587	44
4133	9	53 41.76	43 34 45.1	279	6
	9½	41.84	47.3	627	288
4134	9½	53 41.79	77 2 19.5	173	45
4135	8½	53 42.26	59 7 5.0	269	57
4136	9	53 42.75	68 8 2.2	573	38
4137	8½	53 43.18	30 5 30.4	649	166
	8½	43.32	31.2	160	80
4138	9	53 43.54	55 34 28.9	643	122
	9½	43.67	29.2	249	158
4139	9	53 45.72	55 28 18.7	249	156
	9	45.81	21.0	643	124
4140	9	53 46.12	49 31 38.4	560	191
	9	46.18	39.7	171	99
4141	9	53 46.17	63 3 54.8	205	15
4142	9	53 47.29	33 4 49.3	252	172
	8½	47.42	51.6	660	69
	8½	47.44	48.7	587	43
	9	47.49	47.5	274	31
4143	9½	53 48.57	52 43 6.4	562	147
4144	9	53 50.44	55 44 5.0	643	121
4145	9½	53 50.95	44 38 6.1	637	238
4146	9	53 51.23	49 32 52.1	560	192
	9	51.38	48.3	171	100
4147	7½	53 52.26	63 53 47.5	557	106
	7	52.37	47.1	600	1
4148	9	53 56.10	54 22 41.9	641	147
4149	9½	53 56.55	73 1 28.4	202	12
4150	8½	53 57.59	58 29 24.5	579	61
4151	9	53 57.80	55 26 54.6	643	123
	9½	57.83	54.9	249	157
4152	9½	9 53 58.41	51 15 47.2	569	157

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
4153	8½	9 53 58.46	50 23 41.7	560	190	
4154	6½	53 58.93	70 47 36.1	238	155	
	7	59.13	38.3	577	9	
4155	9	53 59.18	46 3 23.3	654	130	
4156	9	53 59.45	45 22 33.0	654	131	
4157	9	53 59.94	41 15 4.9	245	64	
4158	7½	54 2.00	58 15 52.6	579	59	
4159	9	54 3.71	41 47 48.6	245	65	
4160	9	54 3.94	54 39 52.2	259	166	
	9	3.99	53.0	658	52	
4161	8	54 4.43	60 9 5.7	272	46	
4162	8	54 4.49	46 53 31.9	168	134	
	8	4.67	32.4	662	43	
	7½	4.74	32.1	655	98	
4163	7½	54 5.28	61 20 7.5	210	101	
4164	9	54 8.03	61 5 0.9	210	105	
4165	8	54 8.26	27 44 16.5	639	138	
	8	8.54	14.8	582	116	
4166	9	54 9.78	32 52 37.2	252	173	
	9½	9.88	38.1	274	33	
4167	7½	54 9.84	25 47 58.5	228	1	
	7½	9.91	58.7	639	137	
	8	10.07	57.5	157	80	
	7½	10.27	57.2	153	107	
4168	8	54 9.89	47 53 31.3	662	44	
	8	9.98	28.3	163	77	
	8	10.02	28.4	163	78	
4169	8½	54 11.48	44 24 28.5	279	7	
	8½	11.80	27.7	637	239	
4170	9½	54 11.90	35 5 43.0	275	36	
4171	9½	54 12.18	35 13 54.6	275	35	
4172	8	54 12.36	62 9 51.8	210	103	
	9	12.53	50.4	208	21	
4173	9	54 12.42	54 23 49.2	641	148	
4174	9	54 12.86	71 9 18.3	202	15	
4175	9	54 14.35	57 14 31.5	585	29	
4176	9	54 15.77	51 13 56.5	569	156	
	9	15.82	58.2	650	149	
	9	15.84	56.2	650	147	
4177	9½	54 15.86	71 52 24.5	202	14	
4178	8½	54 17.05	57 7 40.0	585	28	
4179	9½	54 17.06	71 14 26.4	202	16	dpl. III. n. pr.
4180	9½	54 17.13	55 17 42.3	641	146	
4181	8	54 17.16	49 17 43.7	171	101	
4182	6½	54 18.39	68 30 23.0	238	158	
	6½	18.60	21.0	573	39	
4183	9	54 18.78	23 54 15.2	150	83	
	9	18.87	16.7	157	81	
4184	8	54 19.63	46 29 38.7	655	100	
	8	19.74	38.4	168	135	
4185	8½	54 20.71	45 41 48.1	654	132	
	8½	20.80	46.6	168	137	
4186	9	54 21.63	78 5 34.1	173	43	
4187	9	54 21.86	34 45 29.8	587	45	
	9	22.09	29.7	274	35	
4188	7	54 24.08	30 45 3.1	651	115	
	7½	24.26	3.9	160	81	
4189	9	54 24.55	59 27 3.7	272	48	
	8½	24.79	1.7	269	58	
4190	9½	54 24.92	34 25 18.1	587	47	dpl. I.
4191	9	54 25.37	63 20 60.1	205	16	
	9½	25.42	59.8	600	3	
4192	9½	54 26.15	52 42 12.7	562	146	
4193	8	54 26.17	31 57 51.4	660	70	
4194	7	54 26.72	41 21 22.6	279	8	
	7	26.82	24.5	637	240	
4195	9	54 26.83	55 45 42.0	643	128	
4196	10	9 54 27.05	37 22 19.3	606	52	
4197	7	9 54 27.15	61 59 17.5	210	102	
	7½	27.18	18.5	208	20	
4198	9½	54 27.46	30 48 51.4	252	174	
	9½	27.68	51.7	651	114	
	9½	27.74	52.6	160	82	
4199	9½	54 27.60	45 40 35.3	654	133	
4200	9½	54 28.17	57 20 43.6	263	55	
4201	9	54 29.12	44 28 27.0	637	241	
	9½	29.41	24.4	279	9	
4202	9	54 30.04	51 39 27.7	569	158	
	9	30.28	27.3	650	148	
4203	8½	54 30.06	56 4 34.3	643	125	
	8½	30.20	34.3	581	20	
	8½	30.37	33.1	249	162	
4204	9	54 30.17	56 25 59.1	581	21	
4205	9	54 30.95	45 12 20.2	637	242	
4206	8½	54 32.06	54 1 20.1	564	132	
	9	32.13	20.7	259	167	
	8	32.16	22.5	658	53	
4207	10	54 32.77	62 45 46.5	208	22	
4208	9	54 33.90	46 10 6.7	655	102	
4209	9	54 38.83	46 24 31.6	655	101	
	9	39.21	30.7	168	136	
4210	9	54 39.38	54 23 20.9	658	54	
	9½	39.45	19.2	259	168	
	9	39.65	23.0	641	149	
4211	9	54 39.98	43 0 34.7	627	290	
4212	9½	54 40.91	58 9 45.4	263	58	
	9	41.28	44.5	579	60	
4213	9	54 42.85	43 56 53.9	627	289	
4214	9½	54 45.10	55 52 37.2	249	160	
	9	45.17	37.5	643	127	
	9½	45.36	37.7	249	161	
4215	8½	54 45.51	35 26 45.7	275	37	
4216	9½	54 47.57	30 49 5.0	252	175	
	9½	47.72	8.8	160	83	
4217	9½	54 47.93	59 29 31.1	269	60	
4218	9	54 48.37	49 48 21.9	560	193	
4219	8	54 48.90	63 44 12.4	600	2	
4220	8	54 49.52	34 42 52.7	274	34	
	8	49.56	51.4	587	46	
4221	9	54 49.98	47 55 17.3	662	46	
	9	50.13	15.1	163	79	
4222	9	54 50.76	30 1 51.8	649	168	
	9	50.90	52.1	651	116	
4223	9	54 53.19	55 43 27.9	643	129	
	9½	53.27	25.6	249	159	
4224	9	54 53.27	29 8 3.4	649	167	
	9½	53.57	4.2	582	117	
4225	8½	54 54.00	49 50 57.4	560	194	
4226	8½	54 54.89	26 33 22.5	639	139	
	8½	55.10	20.6	153	108	
4227	9½	54 56.38	45 21 49.5	654	135	
4228	9	54 57.27	65 19 33.0	591	2	
4229	10	54 58.69	34 19 16.3	587	48	
4230	8	54 59.74	41 52 16.7	245	66	
4231	9½	55 0.98	30 34 21.5	651	117	
4232	9½	55 2.20	59 31 2.3	272	47	
	9½	2.34	2.8	269	59	
4233	8½	55 3.64	49 15 14.5	171	102	
4234	9½	55 4.02	57 38 50.6	263	57	
4235	8	55 4.20	59 6 45.0	579	62	
4236	9	55 4.67	56 51 6.1	581	23	
4237	7½	55 4.97	57 31 46.4	585	30	
	8	5.05	44.6	263	56	
4238	9	55 5.25	67 19 59.2	573	40	
4239	9	9 55 5.60	44 35 38.3	279	10	
	9	5.97	41.4	637	244	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
4240	9	9 55 6.53	57 17 33.4	585	31	
4241	9	55 8.44	48 58 44.1	171	103	
4242	8½	55 9.65	48 21 8.3	662	45	
	8½	9.76	7.3	171	105	
4243	9	55 9.96	52 37 18.6	562	148	
	9	10.12	21.9	571	139	
4244	9	55 11.24	39 58 35.4	619	91	
4245	9	55 12.58	30 10 52.3	649	169	
4246	9	55 13.72	51 15 0.8	569	159	
	9	13.92	1.9	650	150	
4247	9	55 13.94	45 25 43.9	654	134	
4248	9½	55 14.95	40 18 51.9	619	92	
4249	7½	55 15.03	61 43 7.9	210	104	
4250	9	55 15.29	35 20 30.8	275	38	
4251	9½	55 16.04	41 44 26.7	245	67	
4252	9½	55 16.12	41 41 38.2	245	68	
4253	9½	55 16.38	25 54 19.3	153	109	
	9½	16.41	18.8	639	140	
	9½	16.59	18.9	157	82	
4254	8½	55 17.94	48 45 38.5	171	104	
4255	9	55 19.04	56 29 19.2	581	25	
4256	9	55 20.11	54 45 54.9	641	150	
	8½	20.19	53.7	234	1	
4257	9½	55 20.15	29 22 43.1	649	171	
4258	9½	55 20.38	56 13 34.6	249	163	
4259	9½	55 20.73	51 58 12.7	650	151	
	9½	20.81	13.1	256	140	
	9½	20.90	14.3	562	149	
4260	9½	55 21.21	43 49 58.4	627	291	
	9	21.23	57.2	279	11	
4261	8	55 24.42	76 41 35.7	173	47	
4262	9½	55 25.80	29 22 57.1	160	84	
	9½	25.84	50.3	649	170	
4263	9	55 27.34	49 38 6.7	560	195	
4264	10	55 27.75	62 43 55.7	208	24	
4265	8	55 28.67	62 44 40.8	205	17	
	7½	28.69	40.8	208	23	
4266	9	55 30.74	63 45 52.8	600	4	
4267	9	55 30.85	29 29 43.1	649	172	
	9½	30.87	42.6	160	85	
4268	9	55 31.47	51 56 37.3	650	152	
	9½	31.57	39.0	256	139	
	9	31.76	34.2	562	150	
4269	9	55 34.24	33 41 29.6	660	71	
	9	34.30	28.7	587	49	
4270	9½	55 37.15	58 8 7.9	263	59	
4271	9½	55 41.18	51 6 18.7	569	160	
4272	9½	55 41.60	58 40 18.7	579	64	n.pr.
4273	9	55 41.90	33 41 28.4	587	50	
	9	42.01	26.2	660	72	
4274	9½	55 42.06	44 19 18.9	637	245	
4275	9½	55 42.87	31 5 11.1	252	176	
	9½	42.93	12.5	651	118	
4276	8½	55 43.22	58 40 27.6	579	63	s.sq.
4277	9	55 43.82	34 1 47.2	274	36	
	8½	43.85	47.0	660	73	
4278	9½	55 44.04	44 57 19.8	168	138	
	9½	44.17	19.4	637	243	
4279	9	55 45.73	76 9 53.5	173	49	
4280	9	55 46.61	53 14 3.7	259	169	
	9½	46.66	4.9	564	134	
	9	46.68	3.3	256	141	
	9½	46.75	8.6	564	133	
	9	46.77	3.2	571	140	
4281	9	55 46.90	58 3 22.6	263	60	
4282	8½	55 48.41	40 17 51.9	619	93	
4283	9½	55 49.37	40 18 53.1	619	94	
4284	7½	9 55 49.63	65 23 2.5	600	6	
	8	49.67	2.4	591	4	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
4285	9	9 55 50.49	52 41 27.7	571	141	
	9	50.49	27.6	562	152	
	9	50.54	31.9	571	142	
	9	50.61	28.3	256	142	
4286	8½	55 50.54	61 45 55.6	210	107	
4287	9	55 50.54	48 22 17.1	662	49	
4288	9	55 52.10	40 15 58.8	619	95	
4289	9	55 52.52	46 45 12.3	655	105	
	9	52.61	11.3	168	141	
4290	9½	55 53.00	26 4 4.7	228	2	
	9	53.17	4.0	157	83	
	9	53.43	5.1	153	111	
4291	9	55 53.01	59 35 1.0	269	62	
	9	53.06	2.3	272	50	
4292	8	55 53.53	38 46 51.6	606	53	
4293	7½	55 54.44	59 37 7.2	272	49	red
	8	54.54	6.6	269	61	
4294	9½	55 55.17	65 23 26.1	557	108	
4295	8½	55 55.82	49 45 59.9	560	196	
4296	9	55 56.53	22 59 25.4	226	6	
	8½	56.53	24.2	150	84	
4297	9	55 57.02	47 0 14.4	168	143	
	9	57.20	12.9	662	47	
	9	57.22	12.0	655	103	
	9	57.32	11.4	163	80	
4298	7	55 57.19	23 12 20.9	150	85	
	7	57.35	20.5	226	5	
4299	8½	55 58.72	43 10 18.0	279	12	
	9	58.78	18.7	627	292	
4300	10	55 59.31	40 9 59.0	619	96	
4301	7½	55 59.71	38 51 2.5	606	54	
	8	59.81	3.0	619	97	
4302	9	56 0.01	61 10 48.8	210	109	
4303	9½	56 0.32	49 17 51.8	171	106	
4304	9	56 0.71	56 38 50.0	581	24	
4305	9½	56 1.96	33 19 41.3	587	51	
4306	8	56 2.47	25 51 49.7	228	3	
	8	2.51	48.7	639	141	
	8	2.67	48.6	157	84	
	8	2.72	48.0	153	110	
4307	8½	56 3.32	30 12 6.3	651	119	
4308	9	56 3.56	67 53 41.5	573	41	
4309	8	56 3.93	61 0 7.2	210	106	
4310	9½	56 5.09	45 33 8.4	654	136	
4311	8½	56 5.29	46 19 22.7	655	106	
	8½	5.35	20.7	168	139	
4312	9	56 5.50	54 53 53.3	234	3	
4313	9½	56 7.10	42 56 26.5	279	15	
4314	7½	56 7.15	71 27 58.3	202	18	
4315	9	56 7.25	32 58 10.5	252	178	
	9½	7.57	12.5	587	52	
4316	9½	56 8.16	54 32 30.0	658	56	
	9	8.29	30.5	234	2	
	9½	8.32	31.7	641	151	
4317	9½	56 9.80	34 14 26.2	274	38	
4318	8	56 10.55	63 51 39.8	600	5	
4319	8½	56 12.03	44 13 54.2	637	246	
4320	8½	56 12.22	46 45 7.8	168	140	
	8½	12.22	6.5	655	104	
4321	9½	56 13.30	37 5 40.0	275	39	
4322	8	56 13.38	28 4 33.0	639	142	s.pr.
	8	13.50	33.6	649	173	
	8	13.60	32.6	582	118	
4323	8½	56 13.68	58 24 27.3	579	65	
4324	9	56 14.10	51 5 58.3	569	161	
	9	14.13	59.4	569	162	
	9	14.22	58.8	650	153	
4325	8½	9 56 14.19	57 27 21.8	585	32	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
4326	8½	9 56 14.38	28 4 15.1	649	174	n. sq.
	8½	14.38	14.3	639	143	
	8½	14.47	14.1	582	119	
4327	7	56 15.71	49 52 38.2	560	197	
4328	9	56 16.21	52 31 26.1	256	143	
	9	16.42	22.0	562	151	
4329	9	56 16.77	65 44 50.3	591	5	
4330	9	56 19.03	54 26 22.8	641	152	
	9	19.16	20.9	658	55	
4331	7	56 19.80	56 20 46.3	581	26	
4332	8½	56 20.38	58 10 41.3	263	61	
4333	9½	56 20.08	56 6 35.8	249	164	
4334	9	56 21.33	33 53 13.9	274	37	
	8½	21.42	14.5	660	74	
4335	9	56 22.02	59 23 50.2	269	63	
4336	8	56 24.26	42 58 3.6	279	13	
4337	8	56 24.34	71 5 26.3	577	10	
	8½	24.48	27.6	577	11	
	8½	24.78	25.6	202	17	
4338	9	56 25.32	46 55 50.2	662	48	
	9	25.35	50.3	168	142	
	9	25.38	50.4	655	107	
4339	9½	56 25.99	36 46 56.7	275	40	
4340	9½	56 26.19	40 59 2.4	245	69	
4341	9½	56 27.68	54 13 50.6	259	170	
4342	9	56 29.62	59 23 30.2	269	64	
4343	9½	56 31.22	59 21 53.7	269	65	
4344	9	56 32.66	33 5 6.1	252	177	
	9	32.77	9.7	660	76	
	9	32.93	6.6	587	53	
4345	7½	56 33.25	33 34 20.2	660	75	
	8	33.26	20.9	587	54	
4346	8	56 34.32	38 19 6.9	606	55	
4347	9	56 35.—	65 25 29.7	557	107	
4348	9	56 38.72	42 59 16.2	279	14	
4349	9	56 38.86	50 41 17.8	650	155	
	9	38.92	17.1	569	163	
	8½	39.14	17.8	560	199	
4350	9	56 40.39	52 12 57.7	650	154	
	9	40.42	59.4	650	156	
	9	40.60	56.0	562	153	
4351	9	56 40.80	59 34 27.2	272	52	
4352	7½	56 41.01	41 53 0.9	245	71	
4353	9½	56 41.04	28 58 64.0	231	1	
	10	41.21	59.9	582	120	
4354	9	56 41.22	30 42 29.3	651	120	
4355	9	56 42.24	34 21 11.1	274	39	
4356	9½	56 42.91	41 45 19.3	245	72	
4357	8½	56 44.50	41 8 40.5	619	98	
	9	44.59	38.9	245	70	
4358	9	56 44.55	57 30 45.6	585	33	
4359	9	56 45.85	55 41 7.9	643	130	
4360	8	56 46.63	61 9 40.7	210	108	
4361	9	56 46.93	48 55 14.5	171	107	
4362	9	56 47.43	58 8 17.9	263	62	
4363	8½	56 48.09	24 51 47.0	150	86	
	8½	48.34	47.6	226	7	
	8½	48.42	47.2	153	112	
4364	9	56 49.32	55 23 33.4	237	1	
	9	49.40	35.1	643	133	
	9	49.44	34.7	249	167	
4365	9	56 49.39	65 40 34.1	591	6	
4366	8½	56 49.76	54 6 58.2	259	171	
	8½	49.76	58.8	658	57	
4367	9	56 49.76	54 58 33.4	641	153	
	9	50.01	34.7	234	4	
4368	9½	9 56 50.11	25 52 38.7	228	4	
	9	50.15	44.1	639	145	
4369	7	9 56 52.03	55 29 41.3	643	132	
	7	52.03	40.2	249	166	
	7	52.09	40.0	237	2	
4370	9	56 52.34	44 41 13.6	637	247	
4371	9½	56 52.53	61 5 19.8	210	110	
4372	9	56 53.61	47 18 2.4	163	81	
4373	8	56 55.97	59 37 29.0	269	66	
	8	56.03	27.9	272	51	
4374	10	56 56.11	53 34 18.0	564	136	
4375	8½	56 56.29	67 3 56.0	573	44	
	9	56.29	57.5	238	161	
4376	8	56 57.13	56 3 57.2	581	27	
	8	57.19	58.1	249	165	
4377	9½	56 57.37	44 28 4.9	637	250	
4378	9½	56 57.74	48 17 4.6	662	51	
4379	9	56 58.09	40 42 51.5	619	99	
4380	9	56 58.28	52 51 60.0	256	145	
	9½	58.54	59.5	571	143	
4381	9½	56 58.34	44 40 52.4	637	248	
4382	9	56 59.12	25 54 17.8	228	5	
	9	59.13	17.4	153	113	
	9	59.16	18.2	639	144	
	9	59.35	15.8	157	85	
4383	9½	57 1.08	44 28 48.0	637	249	
4384	9	57 1.86	48 22 22.0	662	50	
	9	2.13	22.6	171	109	
4385	9	57 2.71	55 52 13.2	643	135	
	9	2.77	11.4	643	131	
4386	9	57 3.03	38 33 31.4	606	56	
4387	9½	57 3.70	54 12 22.5	259	173	
4388	8½	57 4.66	59 7 55.4	579	70	
4389	8½	57 5.31	59 41 29.0	269	67	
	8	5.32	28.5	272	53	
4390	9½	57 5.90	54 9 44.7	658	58	
	9½	6.01	44.6	259	172	
4391	8½	57 6.01	59 43 28.6	272	54	
	9	6.03	28.9	269	68	
4392	9	57 6.64	65 49 46.3	591	7	
4393	9½	57 6.91	65 43 15.0	591	8	
4394	6½	57 8.56	52 45 41.5	562	154	
	6½	8.57	43.0	256	144	
	6½	8.58	42.7	571	144	
4395	9	57 8.72	26 24 57.3	228	7	
	9	8.83	56.0	639	147	
4396	9½	57 9.18	55 32 8.1	249	169	
4397	9	57 10.58	58 22 57.7	579	67	
4398	8½	57 10.85	50 9 34.0	560	198	
4399	8½	57 10.97	43 1 32.3	279	16	
4400	9	57 11.07	56 34 18.8	581	28	
4401	8	57 11.48	72 11 24.9	202	20	
4402	8	57 12.02	31 22 1.0	252	180	
4403	7	57 14.17	29 58 30.4	649	175	
	6½	14.24	30.7	651	121	
	7	14.26	30.6	160	86	
4404	8½	57 15.33	46 10 48.6	655	109	
	8½	15.37	47.5	654	137	
	8½	15.45	47.4	168	145	
4405	9	57 15.52	28 42 27.2	231	2	
	9½	15.73	23.7	582	121	
4406	8½	57 15.65	54 53 4.4	641	154	
	8½	15.94	2.6	234	5	
4407	9½	57 17.26	36 24 10.7	275	41	
4408	9	57 17.32	26 27 52.3	228	8	
	9	17.49	53.5	639	146	
4409	9½	57 17.63	57 29 45.6	585	34	
4410	8	57 18.34	67 32 54.4	573	42	
	8	18.42	53.2	238	160	
4411	9½	9 57 19.37	28 35 6.0	231	3	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
4412	9½	9 57 19.93	67 35 43.9	238	159	
	9	19.97	44.6	573	43	
4413	9	57 20.31	59 50 55.1	272	57	
4414	9	57 21.84	58 24 27.6	579	66	
4415	9	57 22.10	30 48 25.1	252	179	
	9½	22.23	26.6	651	122	
4416	8½	57 23.37	53 36 12.9	564	135	
4417	9	57 23.67	59 3 39.7	579	71	dpl. IV.
4418	8½	57 23.80	52 24 10.3	562	155	
	8½	23.90	11.7	256	147	
4419	9½	57 24.94	26 30 2.1	228	9	
4420	9½	57 25.67	58 24 4.1	579	68	
4421	9	57 26.12	55 25 27.6	237	3	
	9	26.19	29.6	643	134	
	9	26.32	26.9	249	168	
4422	9	57 26.41	29 40 4.3	160	87	
4423	9	57 26.56	48 18 54.4	662	52	
	9	26.63	52.4	163	82	
	9	26.92	54.8	171	110	
4424	8½	57 27.39	54 27 14.4	641	157	
	8½	27.47	12.0	658	59	
	8½	27.59	15.4	234	6	
	8½	27.61	13.0	259	176	
4425	9½	57 28.36	58 25 2.0	579	69	
4426	8	57 30.41	54 24 3.5	641	155	
	8	30.48	2.2	658	61	
	8	30.56	0.6	259	175	
4427	9½	57 32.74	51 44 43.7	569	164	
4428	9	57 33.14	46 41 17.2	168	144	
	9	33.20	16.7	655	108	
4429	9	57 34.83	59 44 50.2	272	56	
4430	9½	57 34.99	39 59 47.4	619	100	
4431	9	57 36.30	24 5 33.5	150	87	
4432	9	57 36.46	31 25 36.9	252	181	
	9	36.60	37.8	651	123	
4433	9	57 37.21	58 0 37.8	263	63	
4434	8	57 38.83	54 22 43.5	641	156	
	8	38.91	42.6	259	174	
	8	38.99	41.5	658	60	
4435	8½	57 40.45	52 12 59.4	650	157	
	8½	40.71	59.7	562	156	
4436	8½	57 40.78	26 7 31.8	639	149	
	9	41.00	27.3	153	114	
4437	8½	57 40.82	26 45 40.9	228	6	
4438	9½	57 41.12	34 52 4.8	587	55	
4439	8	57 43.26	48 15 29.3	662	53	
	8	43.37	32.2	171	108	
	8	43.39	31.3	163	83	
4440	6½	57 43.71	56 44 50.3	581	29	
	7	43.75	51.2	585	35	
4441	9	57 44.18	32 5 54.1	651	124	
4442	7½	57 49.56	38 49 15.2	606	57	
	8	49.59	14.8	619	101	
4443	9½	57 50.51	62 8 9.3	208	26	
4444	9	57 50.74	58 2 54.7	263	64	
4445	9	57 50.75	62 14 54.7	208	25	
4446	9	57 51.00	59 22 44.5	269	71	
4447	9	57 52.22	54 13 12.6	259	179	
	9	52.23	14.1	658	62	
4448	7	57 53.60	32 38 3.2	660	78	
4449	8½	57 54.18	29 38 45.3	160	88	
	8½	54.20	44.6	649	177	
4450	9	57 54.37	33 4 47.9	660	77	
	9½	54.51	49.5	587	56	
4451	9	57 54.79	45 3 51.6	279	17	
	9½	55.03	52.9	637	251	
4452	7	9 57 56.40	24 42 44.0	150	88	
	7	56.42	46.4	664	1	
	7	56.49	45.4	226	8	
	7	56.60	44.9	157	86	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
4453	8	9 57 57.45	26 18 23.4	228	10	
	8	57.55	21.2	639	148	
	7½	57.73	20.7	153	115	
4454	9	57 58.64	59 24 54.1	269	70	
4455	8	57 59.85	52 32 42.7	256	146	
	8	59.94	42.1	562	157	
4456	8½	58 0.63	57 6 1.8	585	38	
	8½	0.70	0.6	585	36	
4457	8	58 1.08	28 26 21.7	649	176	
	8	1.12	24.5	649	178	
	8	1.14	26.1	231	4	
	8	1.29	23.0	582	122	
4458	6½	58 1.59	59 49 3.8	272	55	
4459	9	58 3.79	36 44 29.7	275	42	
4460	9	58 6.26	46 53 46.7	662	54	
4461	8	58 9.09	71 57 17.3	202	19	
4462	9	58 9.31	24 51 50.8	228	11	
	9	9.36	50.6	150	89	
	9	9.41	51.5	664	2	
	9	9.46	49.9	153	116	
	9	9.50	48.7	226	9	
	9	9.58	50.0	157	87	
4463	9½	58 10.23	54 32 26.8	234	7	
4464	8½	58 10.72	55 36 9.4	237	5	
	9	10.91	11.2	643	137	
	9	11.00	9.3	249	170	
4465	9½	58 11.70	55 15 57.8	641	158	
4466	10	58 12.96	58 6 1.7	263	65	
4467	8	58 14.13	55 39 10.7	643	136	
	8	14.16	10.4	237	4	
	8	14.38	10.8	249	172	
4468	9	58 15.57	69 12 17.0	238	162	
	8½	15.77	17.9	577	12	
4469	7½	58 16.90	27 53 44.0	231	5	
	8	16.91	44.4	649	179	
	8	16.95	44.4	639	150	
	8	17.05	40.4	582	123	
4470	9½	58 18.05	46 9 46.0	168	147	
	9½	18.11	46.3	655	110	
	9½	18.15	46.9	654	138	
4471	9½	58 18.25	27 49 19.3	649	180	
	8½	18.34	19.8	639	151	
	9	18.45	18.3	582	124	
4472	9½	58 20.42	53 3 41.4	571	146	
4473	6½	58 23.77	46 1 52.4	654	139	
	6½	23.85	52.2	655	111	
	6	23.85	51.2	168	146	
4474	9	58 24.54	62 25 28.9	208	27	
4475	8	58 26.12	23 30 49.0	226	11	
	8	26.15	48.9	150	90	
4476	10	58 26.52	67 9 23.8	573	45	p
4477	8½	58 28.12	34 16 3.8	274	40	
4478	7½	58 28.38	38 40 29.9	606	58	
4479	9½	58 28.48	52 52 44.4	571	145	
	9½	28.49	47.4	571	147	
4480	9	58 28.82	36 39 58.9	275	43	
4481	8½	58 28.64	44 50 8.0	279	21	
4482	9½	58 28.84	51 29 40.8	569	167	
4483	9	58 29.59	59 16 55.0	269	72	
4484	8½	58 30.46	51 27 18.4	650	159	s.pr.
	8½	30.59	17.7	569	166	
4485	9½	58 31.02	47 30 52.5	662	55	
4486	7½	58 32.21	51 26 34.0	569	165	n.sq.
	7½	32.33	34.5	650	158	
4487	9	58 32.86	53 57 16.1	658	63	
	9	32.95	15.5	564	137	
4488	9½	58 33.06	45 1 57.9	279	18	
	9½	33.32	58.2	637	252	
4489	9½	58 33.56	54 2 0.4	658	64	
4490	9½	9 58 33.56	57 4 39.2	585	39	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
4491	8½	9 58 34.01	45 5 24.2	279	19	
	8½	34.20	26.6	654	142	
	8½	34.26	24.7	637	253	
4492	9	58 34.42	65 13 16.0	591	9	
	9	34.53	13.2	600	7	
4493	6	58 34.65	23 40 52.8	150	91	
	6	34.71	52.8	226	10	
4494	9½	58 36.90	55 10 22.1	641	161	
4495	9	58 37.22	76 9 22.5	173	48	
4496	9	58 37.35	55 24 10.1	643	139	
4497	7½	58 38.00	27 46 21.5	649	181	
	7	38.05	22.6	231	6	
	8	38.12	20.9	639	152	
	7	38.20	20.0	582	125	
4498	9	58 38.02	48 17 48.5	163	84	
	9	38.28	47.5	171	113	
4499	10	58 38.60	46 21 21.1	168	148	
4500	8½	58 38.64	55 6 52.2	641	160	
	9	38.80	52.4	234	9	
4501	9	58 40.88	57 9 28.2	585	37	
4502	9	58 41.17	32 4 20.0	252	182	
	9	41.26	22.2	660	79	
	9	41.29	21.8	651	125	
4503	9	58 41.24	45 39 14.0	654	140	
4504	8½	58 42.08	49 26 55.2	171	111	
	9	42.18	58.5	560	200	
4505	9	58 42.41	35 58 39.6	275	44	
4506	9½	58 43.98	31 8 6.0	160	89	
	9	44.21	5.5	651	126	
4507	9	58 45.10	45 9 28.2	279	20	
	9	45.14	29.3	637	254	
	9	45.22	31.9	654	143	
4508	9	58 45.29	33 36 58.1	587	57	
4509	9	58 45.53	27 7 21.5	153	117	
4510	8½	58 46.03	59 21 16.0	269	75	
4511	9	58 47.13	58 13 33.0	263	66	
	9	47.20	33.6	579	73	
4512	9	58 47.43	61 47 1.6	210	111	s.pr.
4513	9	58 48.39	45 37 1.0	654	141	
4514	9	58 49.25	40 22 17.1	619	105	
4515	8	58 49.53	70 7 30.6	238	164	
	7½	49.77	32.8	577	13	
	7½	50.17	33.0	176	3	
4516	9	58 51.61	61 46 58.2	210	112	n.sq.
4517	9	58 53.09	23 24 58.7	226	12	
4518	9	58 53.66	52 26 57.5	256	148	
	8½	53.96	55.5	562	158	
4519	9	58 54.95	56 15 35.5	581	30	
4520	9	58 55.44	42 11 22.0	245	73	
4521	9	58 55.49	47 33 5.2	662	56	
4522	9	58 55.52	40 21 54.1	619	104	
4523	8½	58 55.61	58 0 41.8	263	67	
4524	9	58 55.78	38 56 3.2	606	59	
	9	55.94	4.8	619	102	
4525	8	58 56.04	65 18 52.9	591	10	
	8½	56.08	51.5	557	109	
	8	56.33	50.2	600	8	
4526	9½	58 56.12	55 25 26.7	643	138	
4527	9	58 56.45	72 4 8.3	202	21	
4528	8½	58 56.75	59 38 6.6	272	58	
4529	9	58 57.52	54 19 51.0	658	65	
	9	57.82	50.2	249	173	
	9	57.86	48.5	259	177	
4530	9½	58 57.80	55 55 34.0	237	7	
4531	8½	58 57.99	57 29 39.5	263	69	
	8½	58.03	39.7	585	41	
4532	9	58 58.35	49 37 10.9	558	202	
	9	58.53	10.8	171	114	
4533	8½	9 58 58.90	50 28 25.3	560	203	
4534	7	9 58 58.90	59 34 25.5	269	69	
	6½	59.04	27.1	272	59	
	7	59.13	26.4	269	78	
4535	9	58 59.54	49 30 57.0	171	112	
	9	59.62	55.6	560	201	
4536	5½	59 0.69	61 33 7.7	210	114	
4537	9	59 1.52	42 4 8.3	245	74	
4538	9	59 2.26	32 23 35.1	252	183	
	9	2.27	39.1	660	80	
4539	9½	59 3.18	55 56 25.7	237	6	
	9½	3.26	27.2	581	33	
4540	9	59 4.10	47 10 35.7	655	112	
4541	9	59 4.41	56 35 48.1	581	31	
4542	8	59 5.14	59 14 11.4	269	73	
4543	7	59 8.05	39 22 13.5	619	103	
4544	7	59 8.76	27 34 60.0	639	153	
	7	8.79	57.9	582	126	
	6½	8.81	58.9	231	7	
4545	8½	59 8.85	48 1 20.5	662	57	
	8½	9.03	19.2	163	85	
4546	9	59 11.28	46 18 54.6	168	149	
4547	9	59 11.65	67 11 12.4	573	47	
4548	9	59 13.87	42 5 1.5	245	75	
4549	9	59 14.03	61 24 56.6	210	113	
	9	14.16	58.4	210	117	
4550	9½	59 14.42	58 15 53.6	263	68	
	9	14.48	54.3	579	72	
4551	9	59 15.49	33 59 21.0	274	41	
	8½	15.50	20.1	587	58	
	8½	15.55	23.3	660	81	
4552	8½	59 15.79	55 6 52.7	641	159	
	9	15.81	51.1	249	174	
	8½	16.05	53.5	234	8	
4553	9	59 17.11	66 52 6.7	573	46	
	9	17.24	6.4	591	11	
4554	8½	59 18.44	59 20 35.7	269	74	
4555	9	59 18.75	56 57 46.5	585	40	
4556	9½	59 20.18	29 56 29.9	160	90	
	9	20.25	31.8	651	127	
	9½	20.34	31.4	649	182	
4557	9½	59 21.66	53 55 37.4	564	139	
	9½	21.69	36.6	564	138	
	10	21.70	36.3	658	66	
4558	9½	59 23.66	41 31 59.3	245	76	
4559	9	59 28.04	39 7 57.5	606	60	
	9	28.05	58.7	619	106	
4560	8	59 28.73	34 32 39.6	587	59	
4561	8	59 29.06	47 50 26.5	662	58	
	7½	29.25	28.8	163	86	
4562	10	59 29.81	54 20 3.2	259	180	
	9½	29.93	2.2	259	178	
4563	8½	59 29.82	44 5 1.2	279	22	
	8	30.02	0.8	637	255	
4564	8½	59 30.50	55 34 58.8	249	171	
	8½	30.51	61.3	237	8	
4565	9	59 30.59	59 36 22.5	272	61	
4566	9½	59 30.87	28 52 16.9	582	128	
4567	8	59 31.17	41 37 9.4	245	77	
4568	9	59 31.47	47 18 21.4	163	87	
4569	9	59 31.54	52 19 37.0	562	159	
	9	31.71	39.0	256	149	
4570	7	59 31.64	27 35 27.3	231	8	
	7	31.66	27.0	639	154	
	7	31.76	24.7	582	127	
4571	9	59 32.66	52 18 7.9	256	150	
	9	32.77	7.4	562	160	
4572	9½	59 35.22	46 27 43.7	168	151	
4573	8½	9 59 37.42	59 35 39.1	272	60	
	8	37.56	38.2	269	77	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
4574	8½	9 59 37.48	55 18 10.1	237	9	
	8½	37.53	7.3	249	175	
	8½	37.73	9.6	643	140	
4575	9½	59 37.57	66 24 48.5	591	12	
4576	8½	59 37.64	63 22 13.3	205	18	
4577	9½	59 37.99	62 54 46.9	208	28	
4578	8	59 38.57	68 43 24.0	176	1	
	9	38.58	22.9	238	165	
4579	9	59 38.64	38 30 43.6	606	61	
4580	8½	59 39.18	61 19 27.2	210	118	
4581	9	59 40.29	43 36 39.9	279	25	
4582	9½	59 42.06	62 34 47.1	208	30	
4583	6½	59 42.92	61 16 42.4	210	116	
4584	8½	59 43.04	25 4 35.6	664	3	
	9	43.07	33.4	228	12	
	8½	43.17	34.6	226	13	
	9	43.22	33.7	157	89	
	9	43.29	33.3	157	88	
4585	8	59 44.62	36 3 45.4	275	47	
4586	8½	59 44.62	65 5 11.4	591	13	
	8½	44.74	11.7	600	9	
4587	9	59 44.82	27 5 54.9	231	9	
4588	9	59 45.08	32, 9 32.6	252	185	
	8½	45.13	36.8	660	83	
4589	9½	59 47.09	35 38 7.9	275	45	
4590	8	59 47.28	51 11 28.9	650	160	n.
	8	47.29	31.0	569	170	
4591	9	9 59 47.43	51 11 41.6	650	161	s.
4592	8½	9 59 48.88	59 26 49.5	269	76	
	8½	48.95	51.3	269	80	
	9	49.00	51.2	272	64	
4593	9	59 49.20	62 45 6.1	205	19	
	8½	49.22	3.9	208	29	
4594	9	59 50.06	58 53 17.8	269	79	
	8½	50.26	17.1	579	75	
4595	9	59 51.02	29 57 44.1	651	128	
	9½	51.08	42.7	649	183	
4596	9½	59 51.34	53 12 59.8	571	148	
4597	7	59 52.00	35 46 36.2	275	46	
4598	8½	59 53.13	23 33 49.3	150	92	
4599	8½	59 53.62	56 43 58.6	585	42	
	8½	53.77	59.4	581	35	
	8½	53.91	58.8	581	32	
4600	9	59 55.82	50 42 14.0	560	205	
4601	9	59 56.26	51 8 6.5	569	171	
	9½	56.52	3.7	650	162	
4602	9	59 56.48	69 1 0.1	238	163	
	9	56.57	3.7	577	14	
	9½	56.57	1.0	573	49	
	8½	56.85	2.6	176	2	
4603	9	59 56.99	51 26 41.2	569	168	
4604	9½	59 57.67	59 39 33.2	272	63	
4605	9	59 57.67	41 42 46.3	245	79	
4606	8½	59 58.00	43 58 56.2	279	23	
4607	7	59 59.01	34 16 34.1	587	60	
	7	59.04	31.8	274	42	
4608	9½	9 59 59.65	58 36 57.0	579	77	

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HORA X.

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1	7	10 0 1.41	41 33 53.6	245	78	
2	8	0 2.07	46 19 48.2	217	1	
	8	2.21	46.9	655	113	
	8	2.26	46.4	168	150	
3	9	0 2.31	58 46 31.6	579	74	
4	7	0 2.94	32 47 1.4	252	184	
	7	2.98	4.0	660	82	
	7	3.03	3.9	587	61	
5	7½	0 5.21	45 17 16.8	654	145	dpl. II. s. pr.
6	9½	0 6.19	47 2 44.7	662	59	
7	9	0 6.68	45 6 5.9	654	144	
	9	6.70	6.7	654	146	
8	9	0 6.70	64 9 55.3	600	11	
9	9	0 7.17	59 36 19.5	272	62	
10	9½	0 7.18	53 13 51.2	571	149	
11	7	0 9.74	30 17 1.2	651	129	
	7	9.93	2.1	160	91	
12	7½	0 9.93	26 40 6.6	228	13	
	8	10.15	6.6	639	155	
	7½	10.18	5.9	153	118	
13	9	0 9.95	36 0 48.5	275	48	
14	9½	0 10.75	43 18 39.4	279	27	
15	9	0 11.91	27 8 32.2	231	10	
16	8½	0 13.04	61 37 48.7	210	119	
	9	13.13	47.8	210	115	
17	9	0 13.76	25 37 8.8	228	15	
	9½	13.98	6.2	157	90	
18	7	0 13.80	51 25 5.9	569	169	
19	8½	0 14.76	58 37 4.0	579	76	
20	9	0 16.40	53 47 37.6	564	140	
21	8	0 17.45	54 20 38.6	249	178	
	8	17.57	38.2	658	68	
	8½	17.71	36.4	259	181	
22	9	0 18.55	33 34 32.9	660	84	
23	6½	0 19.26	50 42 24.4	560	204	
	6½	19.32	25.5	650	164	
24	9½	0 19.58	58 3 26.9	263	70	
25	8½	0 20.89	47 10 55.4	662	60	
	8½	20.92	54.9	655	114	
	8½	20.97	55.2	168	152	
	8½	21.00	56.3	217	2	
	8½	21.08	54.7	163	88	
26	9½	0 21.43	30 35 32.4	651	130	
27	9	0 21.65	35 11 22.7	274	43	
28	9	0 22.78	64 8 29.2	600	10	
29	9½	0 26.27	47 10 11.2	662	61	
	9½	26.31	10.5	168	153	
	9½	26.44	10.6	217	3	
30	10	0 26.50	61 42 1.0	210	120	
31	7½	0 26.54	28 30 41.8	582	129	
	7½	26.65	44.5	649	185	
32	9½	10 0 26.75	28 33 25.9	649	187	
	9	26.84	24.3	582	131	
33	9½	10 0 30.65	54 34 14.7	658	67	
34	9½	0 31.80	45 3 22.7	654	147	
35	9	0 32.23	43 59 36.9	279	24	
36	8½	0 32.70	55 11 37.1	234	10	
	8½	32.80	36.7	249	179	
	8½	32.82	34.5	249	177	
	9	32.95	37.9	237	10	
	8½	33.00	36.1	643	141	
37	9	0 32.71	46 4 44.7	655	115	
38	9½	0 33.20	45 6 15.9	654	148	
39	9½	0 35.79	58 3 54.6	263	73	
40	9	0 36.52	24 9 3.2	226	14	
	9	36.53	3.9	226	16	
	9	36.55	2.1	664	4	
41	9½	0 36.69	52 52 55.1	256	152	
	9	36.88	55.3	571	151	
42	9	0 37.24	48 20 13.6	171	115	
43	8½	0 37.65	53 3 43.7	259	182	
	8½	37.70	42.9	571	150	
	9	37.87	43.3	256	151	
44	8½	0 39.32	55 9 35.5	643	142	
	8	39.40	35.6	249	181	
	8	39.50	36.6	234	11	
	8	39.50	33.7	249	176	
45	7½	0 41.68	25 59 19.3	157	91	
	8	41.74	20.9	639	156	
	8	41.78	21.0	228	14	
46	7	0 41.71	56 17 27.4	581	34	
47	9½	0 41.90	43 22 10.9	279	26	
48	9½	0 41.99	31 3 9.6	252	187	
49	9	0 43.57	39 27 46.6	619	107	
50	9½	0 44.45	55 4 44.6	249	180	
	9½	44.59	45.2	234	12	
51	8½	0 45.63	40 15 25.0	619	108	
52	8	0 46.49	28 2 26.5	231	11	
53	8½	0 46.59	24 42 48.0	664	5	
54	8	0 47.77	35 46 37.7	275	49	
55	9½	0 48.71	34 22 39.4	274	44	
	9½	48.73	40.1	587	63	
56	9	0 49.25	62 39 20.2	208	32	
57	9½	0 49.29	51 1 31.6	650	163	
58	9	0 49.95	29 30 41.1	649	184	
	9	49.99	44.3	160	92	
59	9	0 49.96	30 56 25.4	252	186	
	9	50.16	26.8	651	131	
60	9½	0 50.99	78 35 1.3	173	50	
61	8½	0 53.79	52 0 63.0	256	153	
	8½	53.96	61.4	650	165	
	8½	53.98	59.2	562	161	
62	8	0 54.12	41 54 56.8	245	80	
63	9	0 54.18	58 5 20.2	263	75	
	9	54.21	18.7	263	71	
64	9	10 0 56.55	26 36 9.8	639	157	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
65	9½	10 0 58.98	54 4 38.6	658	69	
	9½	59.10	36.1	259	183	
66	8	1 0.33	28 31 35.2	649	186	
	8	0.47	35.5	582	130	
67	9	1 0.93	30 32 52.2	651	132	
68	7½	1 3.54	24 6 20.4	226	15	dpl. I. sq.
	7½	3.56	18.6	664	6	
	7½	3.58	20.3	226	17	
69	9½	1 4.00	59 26 41.7	269	81	
	9½	4.13	41.8	272	65	
70	9½	1 4.12	62 36 56.9	208	31	
71	8½	1 5.94	34 34 17.3	587	62	
	8½	6.05	17.7	274	45	
72	8	1 6.92	51 47 52.9	569	173	
73	9½	1 9.26	58 7 51.8	263	74	
	10	9.27	53.2	263	72	
74	9½	1 9.46	68 0 41.2	573	48	
75	9½	1 9.56	33 56 18.7	660	85	
76	9½	1 10.63	31 9 9.3	160	93	
77	9	1 11.65	48 30 0.1	666	1	
	9	11.85	0.3	171	116	
78	9	1 12.01	23 59 4.6	664	7	
79	8½	1 13.76	42 31 42.7	245	81	
	8½	13.89	45.7	278	1	
80	5½	1 14.46	46 45 32.8	655	116	
	5½	14.46	35.7	217	4	
	5	14.48	32.5	168	154	
81	9½	1 14.97	74 34 37.3	202	22	
82	9½	1 18.42	31 23 54.8	651	133	
83	8½	1 21.01	43 20 2.7	279	28	
84	9½	1 21.11	38 30 24.1	606	62	
85	9½	1 21.18	31 30 48.9	651	134	
86	9½	1 21.32	48 2 42.2	662	62	
	9½	21.77	42.5	163	89	
87	8½	1 25.63	53 59 3.1	259	184	
	8	25.68	3.0	658	70	
	8	25.77	3.2	564	143	
	8	25.78	1.5	564	141	
88	7½	1 26.59	28 15 29.5	231	12	
	8	26.67	27.8	649	188	
	8	26.75	27.1	582	132	
89	9	1 26.86	45 48 56.1	654	149	
90	6½	1 27.04	51 34 44.5	569	172	
	7	27.32	46.7	650	167	
91	9½	1 28.18	59 17 56.0	269	85	
92	9	1 29.16	58 27 6.3	579	78	
93	8½	1 30.85	50 16 23.9	560	206	
	8½	30.92	26.0	560	209	
	8½	30.93	25.5	594	1	
94	9	1 31.02	27 42 35.2	639	158	
	8½	31.05	32.9	582	133	
	8½	31.05	36.0	231	13	
95	8½	1 31.64	57 2 57.1	585	43	
96	8	1 31.99	62 14 37.5	208	33	
97	9	1 32.30	56 4 17.4	237	11	
	9	32.42	16.5	581	36	
	9	32.51	15.3	643	143	
98	9	1 32.61	57 9 5.7	585	44	
99	9½	1 32.72	66 22 35.8	591	14	
100	8	1 32.90	44 46 8.7	654	150	
	8	33.00	7.5	279	29	
101	8	1 37.66	24 19 29.9	157	92	
	8	37.74	31.4	664	8	
102	9	1 39.16	64 4 11.8	600	12	
103	9½	1 39.20	40 40 36.3	619	110	
104	8½	1 39.55	51 26 52.9	650	168	
105	9½	10 1 40.81	68 44 50.9	238	166	
	9	40.87	54.9	573	50	
106	9	10 1 40.83	59 42 28.7	269	83	
	9	40.93	29.9	272	67	
107	9	1 41.85	32 39 28.7	660	86	
	9½	41.88	27.5	252	189	
108	8½	1 42.23	36 5 36.2	275	52	
109	8½	1 42.46	58 31 32.1	579	79	
110	9	1 42.77	35 8 24.4	274	47	
	9	42.86	21.6	275	50	
111	9½	1 43.87	69 26 6.7	577	15	
112	9	1 44.00	59 30 32.0	269	82	
	9½	44.02	31.6	272	66	
113	9½	1 44.36	48 13 3.3	662	63	
114	8½	1 44.59	34 15 54.9	587	64	
115	9	1 45.25	53 27 25.7	564	142	
116	7½	1 46.55	60 33 49.9	272	69	
117	8½	1 47.22	26 31 30.9	228	16	
	9	47.37	33.2	639	159	
118	9	1 47.42	56 16 55.4	581	87	
119	9½	1 47.84	34 18 10.7	587	65	
120	8½	1 48.15	57 17 30.7	585	48	
	8½	48.34	31.9	585	45	
121	9	1 48.88	40 5 8.4	619	111	
122	9	1 48.98	51 51 18.6	569	175	
	9½	49.11	18.2	562	162	
123	9	1 49.12	40 43 25.0	619	109	
124	8½	1 49.69	48 54 5.9	171	117	
	8½	49.86	5.8	666	2	
	8½	49.94	5.9	171	119	
125	8½	1 49.71	52 51 36.3	571	152	
126	9	1 51.40	70 20 39.5	176	5	
	9½	51.55	40.4	577	16	
127	9	1 51.98	28 25 5.2	649	189	
128	8½	1 56.16	36 3 39.8	275	51	
129	8½	1 56.97	66 6 36.5	591	15	
130	9½	1 57.37	59 7 40.0	269	86	
131	8	2 1.68	53 5 14.0	259	185	
	8½	1.84	14.6	571	155	
	9	1.85	17.5	256	154	
132	9	2 2.11	24 31 39.4	226	18	
	9	2.12	41.4	157	94	
	8½	2.28	40.3	664	9	
133	8½	2 2.61	49 21 26.5	594	2	
	8	2.64	26.4	171	118	
	8	2.71	26.1	666	3	
	8	2.77	26.3	560	207	
134	9	2 3.32	65 32 39.3	591	16	
135	8	2 3.72	42 34 5.6	278	2	
	8½	3.73	3.8	245	82	
136	9	2 3.80	57 11 20.0	585	46	
137	9	2 3.99	70 40 18.0	176	4	
138	9	2 4.00	32 38 0.9	252	188	
	9	4.02	5.5	660	87	
139	9½	2 5.85	65 28 23.8	591	17	
140	8½	2 6.57	36 53 40.2	606	63	
	8½	6.75	39.1	275	54	
141	7½	2 7.06	50 28 5.7	594	3	
	7½	7.07	3.4	560	208	
142	9	2 9.50	52 2 12.2	650	171	
	9	9.55	10.8	256	155	
	9	9.60	12.5	256	157	
	9	9.63	11.4	562	163	
	9	9.68	11.9	650	166	
143	9	2 10.41	34 39 13.8	274	46	
	9	10.42	16.1	587	66	
144	9	2 11.20	29 37 56.7	160	94	
145	8	2 11.71	63 13 29.6	205	20	
146	8½	10 2 11.96	57 22 28.2	263	76	
	8½	12.27	28.8	585	49	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
147	9½	10 2 12.37	27 30 30.4	582	134
148	9½	2 14.58	67 48 39.8	573	54
149	8	2 15.02	24 21 10.4	664	10
	8	15.05	12.0	157	93
	8½	15.12	11.1	226	19
150	9	2 15.30	51 42 27.0	650	169
	9	15.42	24.8	569	176
151	9	2 15.57	28 27 4.4	649	190
	9	15.74	4.8	582	135
152	9	2 16.08	53 8 13.9	259	186
	9	16.25	12.3	571	154
153	9½	2 17.27	59 41 40.9	272	68
	9	17.41	41.8	269	84
	8½	17.50	41.7	269	87
154	8	2 17.75	42 30 45.3	245	83
	8	17.91	45.1	278	3
155	8	2 18.06	42 20 56.6	245	84
	7½	18.39	60.0	278	4
156	9	2 18.32	37 17 17.7	606	64
157	8½	2 18.81	53 18 15.4	259	187
	8½	18.89	14.8	571	153
	8	18.95	13.2	564	145
158	9	2 19.33	45 34 55.4	168	158
	9	19.48	53.9	168	155
	9	19.49	55.9	217	7
159	9	2 19.93	44 36 13.3	279	30
160	9	2 20.89	31 59 16.1	660	88
	9	21.05	16.4	651	136
161	9	2 21.39	47 20 12.8	219	1
162	9½	2 21.84	25 43 52.0	228	17
163	9½	2 21.91	32 47 47.6	252	190
164	8	2 22.40	55 27 50.0	249	182
165	8½	2 25.26	64 37 39.5	600	13
166	9	2 26.48	56 47 3.4	581	39
	8½	26.50	4.6	585	47
167	9	2 27.68	45 2 50.5	217	5
	8½	27.70	51.7	279	32
	8½	27.78	50.3	168	156
	8½	27.80	50.0	654	151
168	7½	2 27.69	31 26 53.3	651	135
169	9	2 28.42	54 9 34.4	658	71
170	9	2 29.09	63 19 8.6	205	21
171	9	2 29.25	39 59 36.1	619	112
172	8	2 30.33	51 55 30.4	569	174
	8	30.35	31.7	650	170
	8½	30.40	32.5	562	164
	8	30.41	32.0	256	156
173	9	2 31.80	56 23 23.7	581	42
	9	31.85	23.6	581	38
174	8	2 32.15	55 27 50.1	237	13
175	8½	2 35.36	52 29 49.1	256	158
	8½	35.46	49.6	562	165
176	8½	2 35.46	47 54 52.5	662	65
	8½	35.64	52.4	163	90
177	8½	2 35.63	45 9 55.1	279	33
	9	35.66	56.1	217	6
	8½	35.74	53.6	168	157
	8½	35.83	55.1	654	152
178	8	2 36.36	53 57 14.3	259	190
	8	36.46	13.8	564	144
179	7	2 38.41	36 43 20.3	275	53
180	9	2 38.76	42 24 8.2	278	7
	9	38.81	6.5	245	86
181	9½	2 39.51	55 19 58.1	237	12
	9½	39.56	58.7	249	183
182	6½	2 40.77	47 38 59.8	662	64
	6½	40.85	61.1	219	2
	7	40.95	59.4	163	91
183	9	10 2 41.60	54 37 52.5	658	72
	8½	41.80	55.9	234	13
184	9	10 2 42.85	56 36 6.2	581	40
185	9½	2 43.87	28 0 16.3	639	160
186	9½	2 43.96	60 28 38.3	272	71
187	10	2 46.02	55 52 38.7	237	15
188	9½	2 46.60	58 15 47.4	579	81
189	9	2 47.45	33 49 17.7	660	89
	9	47.54	17.2	587	67
190	9	2 48.20	30 5 42.1	649	191
	9½	48.38	41.9	651	137
191	10	2 48.25	61 49 48.1	210	122
192	9½	2 48.42	62 51 6.7	208	34
193	9½	2 48.43	68 43 24.5	573	51
194	8	2 48.90	67 41 23.6	238	168
	7½	49.00	21.3	573	52
195	9½	2 49.76	42 19 22.1	278	5
196	8	2 50.13	71 27 55.0	202	23
197	9½	2 50.51	30 7 23.6	649	192
198	9	2 51.83	66 54 51.1	591	18
199	9	2 51.94	44 28 37.2	279	31
200	10	2 52.05	71 15 50.8	202	24
201	8½	2 53.08	37 19 32.4	606	65
202	8½	2 53.26	42 17 22.2	278	6
	8½	53.27	18.5	245	85
203	9	2 53.76	56 27 12.9	581	41
204	9	2 53.92	75 27 35.4	173	51
205	7½	2 54.51	34 24 12.0	587	68
	7½	54.70	8.6	274	48
206	8	2 55.14	52 38 55.7	562	166
	8	55.18	59.9	256	160
207	8	2 55.25	24 22 32.3	157	95
	7½	55.30	33.4	664	13
	7½	55.41	33.0	226	20
208	9	2 55.72	25 4 1.2	664	11
209	9	2 56.22	25 1 15.2	664	12
210	9	2 56.32	67 1 45.3	591	19
211	9	2 57.30	24 31 31.9	226	21
	9	57.51	35.6	664	14
212	9	2 57.45	36 57 25.9	275	56
213	9	2 57.68	37 11 12.8	606	66
	9	57.94	10.9	275	55
214	8½	2 59.19	50 24 15.1	560	210
	9	59.40	16.3	594	4
215	10	2 59.93	58 11 47.6	579	80
216	9	3 0.04	69 58 46.4	577	17
	9½	0.19	45.0	176	6
217	9½	3 0.78	47 33 5.4	662	66
218	9	3 0.79	28 22 10.4	582	136
	9	0.80	13.1	231	14
219	8½	3 0.86	30 29 28.6	651	138
	8½	1.00	26.7	160	95
220	9½	3 1.42	61 43 59.6	210	121
221	9	3 2.14	75 27 46.7	173	52
222	9	3 2.78	58 47 11.6	579	85
223	8	3 3.40	60 36 13.5	272	70
224	8½	3 7.25	54 20 41.4	658	73
	8	7.27	42.7	234	14
225	9	3 10.92	53 17 28.2	564	146
	9	10.97	26.6	571	156
	9	11.10	24.8	259	188
226	8	3 10.92	24 26 53.4	157	96
	8½	11.02	53.9	226	22
	8	11.12	55.5	664	15
227	8½	3 14.05	29 8 18.1	649	193
	8½	14.26	19.9	582	137
228	8½	3 15.04	58 38 28.4	579	84
229	9½	3 15.76	49 11 1.6	666	4
230	9½	3 16.43	45 24 27.9	654	154
231	8½	3 16.56	57 50 59.0	263	78
232	8½	3 18.08	22 57 13.3	226	23
233	9	10 3 19.00	22 52 46.1	226	24

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
234	9	10 3 19.06	58 26 46.1	579	83	n. pr.
235	9	3 19.37	32 15 34.3	252	191	
	8½	19.40	38.7	660	92	
236	9½	3 20.20	67 22 54.7	573	53	
237	9	3 20.43	58 26 59.4	579	82	s. sq.
238	9½	3 21.60	46 54 12.6	662	67	
239	9½	3 21.62	52 29 57.6	256	161	
240	9½	3 23.42	45 7 22.9	279	34	
241	8	3 23.96	44 23 29.6	279	35	
242	9½	3 26.59	37 33 50.6	606	67	
243	9	3 27.02	53 59 24.7	259	189	
244	9	3 27.15	63 58 34.1	600	15	
245	9	3 27.16	33 50 42.0	660	90	
	9	27.19	42.2	587	70	
246	9½	3 27.66	49 36 21.8	594	5	
	9	27.83	21.9	171	120	
247	8½	3 27.77	34 18 59.0	587	69	
	8½	27.93	61.0	274	49	
248	8½	3 28.30	61 27 29.3	210	124	
249	8	3 28.67	57 45 41.2	263	77	
250	9	3 29.92	55 58 23.2	237	14	
	9	30.15	24.9	581	43	
251	9½	3 30.19	36 40 49.4	275	57	
252	9	3 32.29	45 25 6.5	217	10	
	9	32.51	3.5	654	153	
253	8	3 35.36	61 37 42.7	210	123	
254	8	3 35.65	32 21 36.9	660	91	
	8½	35.65	34.6	252	192	
255	8½	3 36.49	27 17 15.7	231	15	
	8½	36.58	13.0	639	161	
	8½	36.73	13.5	582	138	
256	9	3 37.78	50 54 14.3	560	211	
	9	37.97	14.9	569	179	
257	9½	3 37.97	51 8 27.5	650	173	
258	9½	3 38.12	31 9 52.6	651	139	
259	10	3 38.23	41 10 28.3	619	114	
260	9½	3 38.41	46 26 19.3	217	9	
	9	38.52	17.0	655	117	
	9	38.56	17.7	168	159	
261	9	3 38.72	44 13 47.1	279	36	
262	9½	3 39.46	60 29 6.5	272	72	
263	10	3 40.42	53 10 14.1	571	157	
264	8½	3 40.57	62 2 31.8	208	35	
265	8	3 40.74	46 41 48.8	217	8	
	8	40.76	48.8	655	118	
	8½	40.84	48.2	168	160	
266	9	3 43.71	24 15 36.7	664	16	
267	9	3 44.03	41 9 53.6	619	113	
268	9	3 45.24	54 9 38.8	658	74	dpl. II.
269	8½	3 46.24	57 52 13.9	263	79	
270	9	3 48.40	52 28 56.1	256	159	
	9	48.59	56.1	562	167	
271	9½	3 49.00	68 26 37.8	573	57	
272	9	3 49.11	62 0 51.7	208	36	
273	9½	3 49.26	43 6 30.6	278	9	
274	9	3 50.66	51 7 28.9	569	177	
	9	50.89	29.2	650	172	
275	9	3 52.02	52 12 54.0	562	169	
276	9½	3 52.04	59 17 11.7	269	90	
277	9	3 52.21	48 17 6.2	666	5	
	9	52.27	6.9	219	4	
278	8½	3 52.90	57 59 43.3	263	80	
279	9	3 54.29	27 52 22.8	639	162	
280	9	3 54.77	43 5 34.4	278	10	
	9	54.77	30.5	245	88	
281	9½	3 54.78	53 45 18.7	658	75	
	9½	54.80	20.0	564	147	
282	9½	3 54.83	45 19 0.6	654	155	
283	7	10 3 57.81	43 4 57.7	278	8	
	7½	57.94	54.7	245	87	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
284	9	10 3 58.51	56 40 38.9	581	44
	8½	58.63	41.3	585	52
285	8	4 0.04	32 14 3.5	252	193
	8	0.19	5.0	660	93
286	8	4 0.84	39 13 22.6	606	68
287	7	4 1.18	57 35 7.9	263	81
	7	1.22	9.1	585	50
288	9½	4 1.23	30 19 17.1	651	140
289	7½	4 1.30	55 49 27.8	237	17
290	7	4 1.90	61 36 31.5	210	125
291	8½	4 2.11	49 45 45.4	171	121
	8½	2.31	46.9	560	212
292	9	4 2.25	35 46 55.6	275	58
293	9½	4 2.83	70 8 15.4	176	7
294	9	4 3.42	49 45 47.0	594	7
295	9	4 3.51	63 37 10.3	205	22
	9	3.60	11.4	600	14
296	8	4 3.51	48 14 37.9	666	6
	8	3.57	37.8	171	124
	8	3.58	36.7	219	3
	8½	3.78	36.2	163	92
297	9½	4 5.43	58 42 53.9	579	87
298	9	4 5.84	78 32 53.9	173	54
299	8	4 6.10	71 9 48.3	577	18
	8	6.11	44.4	238	167
	8½	6.40	46.5	202	25
300	9	4 6.25	43 35 4.1	279	38
301	9	4 7.86	35 2 51.5	275	60
	9	7.95	52.7	587	71
302	9	4 8.25	60 19 13.3	272	73
303	6½	4 8.80	35 14 38.5	274	50
	6½	8.87	38.7	275	59
304	9	4 10.23	57 6 35.5	585	51
305	6½	4 10.45	47 41 41.6	219	5
	7	10.54	42.7	662	71
	7½	10.64	40.6	163	93
306	8	4 10.61	49 10 16.0	666	7
307	9	4 10.94	65 54 17.7	591	21
308	9	4 11.12	39 51 42.4	619	116
309	9½	4 11.65	47 1 35.2	168	162
	9½	11.74	36.2	655	121
	9½	11.81	34.3	662	68
310	9	4 11.77	55 9 12.8	234	18
	9	11.82	12.2	234	15
311	9½	4 11.78	44 13 30.6	279	37
312	9	4 11.98	49 44 4.5	560	213
	8½	12.04	2.3	171	122
	9	12.24	1.9	594	6
313	5	4 12.01	51 11 51.4	569	178
	5½	12.11	53.2	650	174
	5	12.27	55.1	597	1
314	9	4 12.50	47 6 24.9	662	69
	9	12.52	25.2	168	161
	9	12.60	24.7	655	119
	9	12.67	23.7	163	94
315	9½	4 12.81	41 9 47.5	619	115
316	9	4 13.18	52 17 44.8	562	168
	9	13.22	46.0	256	164
317	9½	4 14.57	47 0 8.4	662	70
	9½	14.64	6.8	655	120
	9½	14.78	7.2	168	164
318	9½	4 15.01	62 55 58.0	208	38
319	9½	4 15.48	58 37 42.5	579	86
320	9	4 16.37	28 40 17.2	649	194
	9	16.44	18.1	582	139
321	8	4 16.45	55 48 23.0	237	16
322	8	4 16.75	61 8 56.8	210	127
323	9½	4 17.91	78 35 4.2	173	56
324	9½	4 21.43	43 40 40.4	279	39
325	9½	10 4 21.77	52 5 18.6	256	162

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
326	9½	10 4 22.45	51 30 31.7	650	177	
327	8½	4 24.77	67 44 5.3	573	55	
	9	24.81	4.0	238	169	
328	9	4 25.48	47 45 4.2	662	72	
329	8	4 25.77	41 28 45.8	245	90	
330	9	4 25.95	32 23 39.8	252	194	
	9	26.07	43.5	660	94	
331	10	4 26.62	59 9 47.6	269	89	
332	9	4 27.34	50 52 42.2	560	215	
	9	27.58	41.5	569	180	
333	9½	4 27.59	58 48 45.9	579	88	
334	10	4 27.74	43 40 58.1	279	40	
335	9½	4 29.45	25 28 4.6	228	18	
	9	29.51	5.5	664	17	
336	7	4 31.08	70 51 54.2	238	170	
	7	31.12	55.8	577	19	
	7	31.39	56.0	202	26	
337	9	4 31.12	59 16 30.3	269	88	
338	8½	4 32.23	27 35 14.1	639	163	
	8½	32.27	13.4	582	140	
	9	32.33	14.9	231	16	
339	9½	4 34.61	51 33 57.0	650	175	
340	8	4 35.04	30 17 1.8	651	141	
	8½	35.20	1.6	160	96	
341	10	4 36.55	28 41 6.7	649	195	
342	9½	4 37.36	51 36 3.7	650	176	
343	9½	4 37.66	55 45 42.3	237	18	
344	9½	4 38.16	38 27 19.2	606	69	
345	9½	4 40.07	55 18 21.3	234	16	
346	9	4 40.19	68 38 10.0	573	58	
347	9½	4 40.33	40 17 59.7	619	117	
348	8½	4 43.43	41 38 12.7	245	89	
349	10	4 43.59	62 53 47.7	208	39	
350	9½	4 43.78	63 1 46.4	205	23	
351	9½	4 46.81	54 17 2.3	259	192	
	9½	46.90	3.2	658	76	
352	9	4 47.39	49 37 60.3	171	125	
	9	47.43	62.0	219	7	
	8½	47.48	60.3	666	8	
	8½	47.53	57.4	594	8	
	9	47.58	57.6	171	123	
	9	47.65	60.4	560	214	
353	7½	4 48.34	57 25 38.6	585	54	
	8	48.38	37.0	263	82	
354	9	4 48.44	62 10 29.4	208	37	
355	8	4 49.04	41 52 12.6	278	11	
	8	49.21	10.7	245	91	
356	9½	4 48.81	55 36 42.3	237	19	
357	7½	4 49.40	46 49 57.9	655	122	
	7	49.49	57.0	168	163	
358	9½	4 49.74	49 20 3.3	666	9	
359	9	4 51.16	79 31 15.5	173	58	
360	9½	4 51.81	52 35 18.0	571	158	
361	9½	4 52.46	24 53 47.4	664	20	
362	8	4 53.52	60 34 43.7	272	74	
	9	53.60	44.6	210	130	
363	9	4 53.99	25 31 16.1	228	19	
	8½	54.07	14.4	664	18	
364	8½	4 54.71	32 57 10.1	587	72	
	8½	54.78	8.4	252	195	
	8½	54.87	9.3	660	95	
	9	54.94	12.0	274	51	
365	8	4 54.88	67 42 41.0	573	56	
366	9	4 54.89	61 16 20.8	210	126	
367	9½	5 0.76	46 0 23.7	217	13	
	9½	0.95	20.8	654	156	
368	8½	5 1.14	52 15 45.0	256	163	
	8½	1.23	41.0	562	170	
369	9½	10 5 1.56	43 51 8.5	279	41	
370	8	10 5 1.56	45 51 16.7	654	157	
	9	1.58	16.2	217	12	
372	9½	5 2.84	31 10 58.8	651	142	
373	8½	5 3.52	59 48 11.7	269	93	
374	8½	5 3.57	56 54 1.9	585	53	
375	9	5 3.93	52 47 31.4	571	161	
376	8	5 4.50	24 49 20.5	157	97	
	8	4.51	20.8	664	19	
	8½	4.53	22.1	157	98	
	8	4.62	21.5	226	25	
377	8	5 5.65	45 10 27.8	654	158	
	7½	5.70	28.4	217	11	
378	9½	5 7.04	55 26 9.8	237	20	
379	7½	5 9.52	64 53 52.6	600	17	
380	9½	5 10.05	46 27 55.2	655	123	
	9	10.12	53.3	168	166	
381	10	5 11.23	77 53 21.6	173	53	
382	9½	5 11.31	60 28 21.8	272	75	
	9½	11.51	21.8	210	131	
383	8½	5 12.14	35 58 46.7	275	61	dpl. II. n.pr.
384	9	5 12.54	54 16 47.3	259	191	
	9	12.69	49.2	658	78	
385	6	5 13.83	65 12 10.9	600	16	
386	9	5 14.06	39 22 9.8	619	119	
387	8½	5 14.40	56 2 24.8	581	45	
388	9	5 15.26	63 9 44.5	205	24	
389	9	5 16.15	52 18 6.4	256	165	
	9	16.19	5.3	562	171	
390	9	5 16.54	54 35 9.6	259	195	
	9	16.68	10.9	658	79	
	9	16.80	11.8	234	17	
391	7	5 17.04	47 23 55.6	219	6	
	7½	17.21	55.6	163	95	
	7	17.26	57.4	662	73	
392	9	5 17.43	52 44 62.8	571	159	
	9	17.54	59.9	562	174	
393	9	5 17.74	41 58 36.5	245	92	
	9	17.75	36.5	278	12	
394	8½	5 17.88	70 40 13.7	238	171	
	8	17.93	14.6	577	20	
395	9½	5 19.86	46 56 13.9	655	124	
	9	19.86	12.4	168	165	
396	9	5 20.03	43 50 23.3	279	42	
397	8½	5 20.92	33 22 34.1	660	96	
398	7	5 20.92	38 17 46.9	606	70	
399	8½	5 21.37	34 11 33.1	274	52	
	8½	21.47	30.6	587	73	
400	8½	5 22.09	54 10 17.5	259	193	
	8½	22.32	16.1	658	77	
401	7	5 22.51	41 5 45.5	619	118	
402	9½	5 22.88	34 14 20.1	587	74	
403	8	5 23.35	60 56 15.3	210	128	
404	8	5 23.88	56 3 20.6	581	46	
405	8	5 24.42	56 8 3.3	581	47	
406	7½	5 26.10	44 41 37.0	279	43	
407	9	5 29.82	41 45 20.7	245	93	
	9	29.95	23.1	278	13	
408	9	5 31.00	49 24 4.6	594	9	
409	9½	5 31.23	52 40 41.3	562	172	
	9½	31.46	41.1	571	160	
410	9½	5 31.27	66 12 5.8	591	20	
411	8½	5 32.90	74 13 19.2	202	28	
412	9	5 33.47	24 33 59.9	664	22	
413	9½	5 34.71	60 33 33.0	210	132	
414	7	5 36.05	78 27 11.3	173	55	
415	8½	5 36.81	32 8 18.5	252	196	
	8½	36.94	20.8	651	143	
416	9	10 5 36.92	60 47 49.0	210	129	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
417	9	10 5 36.92	55 9 19.2	237	21
	9	37.21	18.9	234	19
418	9	5 37.73	65 11 4.4	600	18
419	10	5 37.85	26 7 21.9	228	20
	9½	37.97	22.0	639	164
420	9	5 38.10	47 26 48.5	662	74
421	8	5 39.15	50 32 56.0	560	216
	8½	39.24	53.2	594	11
422	9	5 40.41	49 33 36.1	594	10
423	9	5 41.59	24 45 40.1	226	26
	9	41.70	38.8	664	21
424	9	5 42.36	43 2 33.3	245	94
425	8	5 42.64	44 33 41.8	279	44
426	9	5 47.28	56 21 58.4	581	48
427	9	5 47.84	59 36 16.9	269	91
	9½	48.13	20.1	272	77
428	9½	5 48.33	51 4 44.5	650	178
	9½	48.34	46.9	569	182
429	9	5 48.53	37 15 41.6	606	71
430	9	5 49.54	32 59 49.5	660	97
431	9½	5 50.28	54 40 40.0	259	194
432	8½	5 52.25	67 53 2.9	176	10
	8½	52.44	2.4	573	60
433	9	5 53.64	66 28 4.0	591	24
434	8	5 53.88	34 10 26.2	274	53
	8	53.93	26.1	587	75
	8	53.95	24.6	660	98
435	9½	5 54.31	41 16 51.8	278	14
436	9	5 54.90	26 5 40.7	228	21
	8½	55.03	39.8	639	165
	8½	55.12	42.1	664	23
437	9	5 55.46	65 53 49.0	591	22
438	8½	5 55.47	34 33 30.3	587	76
	8½	55.50	31.8	274	54
439	9	5 55.68	63 54 13.6	600	20
440	9½	5 56.45	37 9 55.4	275	64
441	9½	5 56.68	74 13 5.5	202	27
442	9½	5 57.18	57 34 18.6	263	83
443	10	5 59.29	57 26 38.9	263	84
	9½	59.32	41.5	585	55
444	9	5 59.30	45 58 21.8	217	14
	9	59.45	20.6	655	125
	9	59.46	20.1	654	159
	9	59.48	20.9	168	167
445	9	6 0.12	79 3 3.8	173	57
446	8½	6 0.27	52 41 12.3	571	162
	8½	0.52	10.7	562	173
447	9½	6 0.69	51 6 12.6	650	179
448	10	6 0.79	29 7 38.8	649	196
449	9½	6 1.37	59 44 49.9	269	92
	9	1.38	50.8	272	76
450	9	6 1.53	31 5 55.0	252	197
	9	1.64	58.4	160	97
	8½	1.72	59.2	213	1
451	9	6 1.59	58 35 24.1	579	89
	9	1.77	26.2	579	90
452	9½	6 2.03	45 51 31.3	217	15
	9	2.13	29.4	168	168
	9	2.18	28.9	654	160
453	9	6 2.27	53 15 26.0	564	148
	9½	2.47	25.7	256	166
	9½	2.56	27.3	571	163
454	8½	6 2.78	56 56 39.7	585	56
455	9	6 4.49	25 50 31.9	639	166
	9	4.65	33.3	664	24
456	9½	6 4.56	31 34 6.6	252	198
	9½	4.78	7.9	651	144
457	9½	10 6 4.60	49 5 3.5	219	10
	9½	4.67	1.1	666	11
458	8½	10 6 4.96	36 10 55.4	275	62
459	8½	6 7.55	36 56 54.7	606	72
	8½	7.70	52.8	275	63
460	9	6 9.12	49 3 39.2	219	8
	9	9.40	37.4	666	10
461	8½	6 11.26	56 39 45.5	581	51
462	9	6 13.22	63 6 48.4	205	25
463	8	6 13.81	50 12 54.0	594	13
	8	13.99	52.0	560	218
464	9½	6 14.60	62 56 29.7	208	41
465	10	6 14.83	39 59 12.6	619	120
466	9	6 15.11	56 19 20.5	581	50
467	7	6 16.44	33 42 58.2	660	99
468	9½	6 17.59	34 39 13.4	274	56
	9½	17.74	14.0	587	77
469	8½	6 17.63	67 41 22.8	238	172
	8	17.78	23.1	573	61
	8	18.02	25.7	176	11
470	8½	6 18.55	56 12 13.4	581	49
471	9½	6 19.06	63 9 22.9	205	26
472	9	6 19.93	51 59 15.8	569	183
	9	20.01	14.3	569	181
	9	20.02	14.5	562	176
	9	20.16	17.0	256	167
	8½	20.24	17.4	597	2
	9½	20.25	14.0	650	180
473	8½	6 20.08	33 5 41.9	660	101
474	9	6 20.30	48 0 51.9	662	75
475	9½	6 20.65	49 3 37.9	666	12
	9	20.76	38.6	219	9
476	9½	6 20.72	57 8 54.6	585	57
477	6½	6 20.93	27 59 22.6	231	17
	6½	20.94	22.6	665	1
	6½	20.97	20.9	649	197
	6½	21.05	22.6	639	168
478	8½	6 21.04	50 22 59.1	594	12
	8½	21.20	58.1	560	217
479	9	6 22.03	48 14 32.7	662	76
	9	22.07	31.9	666	13
	9½	22.14	31.6	163	96
480	8½	6 23.—	69 45 3.9	176	8
	8	23.19	4.8	577	21
481	7	6 24.23	34 42 29.5	587	78
	7	24.30	26.0	274	55
482	6½	6 24.58	68 4 9.7	176	9
	6½	24.60	7.8	573	59
483	8	6 26.48	24 17 47.0	226	27
484	9	6 26.58	56 49 43.9	581	52
485	8½	6 26.76	26 38 39.4	639	167
	9	26.82	39.4	228	22
486	9½	6 27.40	53 31 28.0	564	149
487	9	6 27.52	50 40 9.5	597	3
	9	27.56	8.5	650	181
488	9	6 28.54	44 40 0.5	279	45
489	8	6 33.38	49 52 28.0	560	219
	8½	33.46	28.6	594	14
490	8½	6 34.98	32 6 49.8	252	201
	8	35.00	52.5	660	103
	8½	35.11	50.5	651	145
491	9½	6 35.90	45 43 2.8	217	16
	9½	36.08	4.7	217	17
492	8	6 35.92	65 59 9.0	591	23
493	9½	6 36.74	48 18 59.6	662	78
	9	36.88	60.4	666	14
	9½	37.06	59.0	163	97
494	8	6 37.47	39 22 40.3	619	122
495	8½	6 37.52	54 17 31.8	658	80
	9	37.55	31.3	259	196
496	9	10 6 37.72	34 36 48.1	587	79
	9	37.82	48.0	274	57

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
497	8½	10 6 38.84	62 43 31.6	208	40	
	8½	39.05	34.9	205	27	
498	9½	6 39.16	41 11 27.8	278	15	
499	8½	6 40.99	55 29 21.0	237	22	
500	9½	6 41.04	58 32 16.8	579	91	
501	7½	6 41.54	63 46 8.2	600	19	
502	9½	6 42.53	60 19 36.1	272	78	
503	8	6 42.86	33 17 40.5	660	100	
504	9	6 43.24	39 59 26.1	619	123	
	9	43.30	25.1	619	121	
505	9	6 45.45	57 35 15.6	263	86	
	9	45.64	17.5	585	60	
506	8½	6 45.79	32 3 24.7	252	199	
	8	45.85	26.5	651	146	
	8	45.96	25.5	660	104	
507	9	6 46.62	37 32 57.3	606	73	
508	8	6 49.88	24 31 17.1	664	25	
	8½	50.03	15.9	226	29	
509	9	6 51.50	49 12 32.7	219	11	
510	7½	6 51.63	32 4 18.7	252	200	
	7	51.78	20.9	651	147	
	7	51.81	21.1	660	102	
511	9	6 51.64	37 44 4.7	606	74	dpl. II.
512	8½	6 52.83	45 1 48.2	279	46	
	8½	53.02	48.7	168	169	
513	10	6 53.65	25 9 9.8	228	23	
514	9	6 53.90	24 19 19.8	226	28	
	9	54.05	21.0	664	26	
515	8½	6 56.01	34 26 58.1	587	81	
	8½	56.09	60.3	274	59	
516	8	6 56.01	49 32 26.2	594	15	
	8	56.26	25.4	219	12	
517	9	6 58.84	48 20 31.0	662	79	
518	9	6 59.16	54 20 22.1	658	81	
	9	59.33	20.8	259	197	
	9½	59.35	20.0	234	20	
519	8½	6 59.81	63 22 29.9	205	28	
	8½	59.96	29.1	600	22	
520	9½	7 0.70	58 33 27.9	579	92	
521	7½	7 0.96	66 38 52.9	591	26	
522	8½	7 2.11	57 25 43.0	585	58	
	8½	2.15	41.9	263	85	
	8½	2.20	41.6	263	88	
523	8½	7 4.82	69 36 41.6	577	23	
524	9½	7 6.66	38 23 8.1	606	75	
525	8	7 7.25	28 52 56.0	160	98	
	7½	7.31	55.8	231	18	
	7½	7.32	56.1	213	2	
	7½	7.35	55.1	649	199	
526	9	7 7.79	69 55 22.4	577	22	
527	9½	7 8.81	51 58 14.4	562	175	
528	9	7 9.18	59 20 56.7	269	94	
529	8½	7 9.75	35 36 51.2	275	66	
530	9	7 10.07	58 27 5.7	579	94	
531	9	7 10.44	27 53 39.5	639	169	
	9	10.46	40.0	649	198	
	9	10.53	41.5	665	2	
532	9½	7 11.44	34 36 39.9	587	82	
	9	11.48	40.9	274	58	
	9	11.53	40.1	587	80	
533	9½	7 13.10	59 8 18.2	269	96	
534	8	7 13.52	61 9 3.0	210	137	
535	8½	7 13.75	48 10 12.6	662	77	
	8½	13.75	11.4	666	15	
	8½	13.87	11.9	163	98	
536	9½	7 13.81	55 13 55.7	237	24	
	9½	14.14	54.3	234	21	
537	7½	10 7 14.53	67 13 32.8	573	62	
	7½	14.69	28.3	238	173	
	7	14.99	33.1	176	12	
538	7	10 7 14.98	31 53 50.2	252	202	
	7	15.05	53.7	660	105	
	7	15.15	52.6	651	148	
539	9½	7 15.68	71 23 41.7	202	29	
540	8½	7 16.56	55 22 44.4	237	23	
541	10	7 17.31	55 12 34.0	234	22	
542	7	7 18.51	58 12 41.4	263	89	
	6½	18.84	42.1	579	96	
543	9½	7 18.78	67 23 13.7	238	176	
	9	18.91	15.2	176	14	
	9	18.94	14.2	573	65	
544	8½	7 19.99	63 47 16.0	600	21	
545	9	7 21.37	66 23 43.0	591	25	
546	9½	7 23.23	52 40 22.3	256	169	
	9	23.28	22.1	571	164	
	9½	23.37	19.5	562	178	
547	7½	7 23.59	54 22 2.7	658	82	
	8	23.63	2.3	259	198	
548	9½	7 24.36	59 15 61.3	269	99	
	9½	24.39	59.9	269	95	
549	6½	7 25.25	57 26 34.5	263	87	
	6½	25.29	36.9	585	59	
550	9½	7 25.43	31 55 19.1	651	149	
551	9½	7 27.40	54 38 39.7	658	83	
552	10	7 27.62	67 16 27.8	238	174	
553	9½	7 28.26	60 7 45.3	272	79	
554	9½	7 28.28	51 49 37.4	597	4	
555	9½	7 28.45	34 44 25.2	587	83	
556	8½	7 28.57	43 53 20.0	279	49	
557	8½	7 29.67	60 37 27.4	210	133	
	8½	29.78	29.2	272	80	
558	9	7 31.00	45 5 37.2	168	172	
	9	31.08	37.1	279	47	
	9	31.09	35.7	168	170	
559	9½	7 31.25	58 13 31.7	263	90	
560	9½	7 32.66	54 30 14.2	259	199	dpl. IV.
561	9½	7 33.17	60 55 12.0	210	135	
562	8	7 33.58	58 32 15.3	579	93	
563	6½	7 34.39	26 24 45.0	228	24	
	6½	34.52	44.5	665	3	
	6½	34.54	45.4	639	170	
564	9½	7 34.56	26 22 55.2	639	171	
565	9	7 35.45	40 1 21.4	619	124	
566	8½	7 36.89	35 27 8.3	275	65	
567	9½	7 37.56	59 24 51.1	269	98	
568	7	7 37.69	51 32 49.0	650	183	
	7	37.79	50.7	597	6	
	6½	37.84	49.0	569	187	
569	9½	7 39.31	51 58 5.4	562	177	
	9	39.36	6.5	650	182	
	9½	39.38	8.3	256	168	
	9½	39.46	6.6	562	179	
	9½	39.47	8.6	597	5	
570	9½	7 39.78	56 18 33.5	581	53	
571	9	7 41.25	58 20 16.0	263	91	
	8	41.43	14.0	579	95	
572	9	7 42.07	49 39 21.0	666	17	
	9	42.14	22.7	219	13	
	9	42.23	23.0	594	16	
573	9	7 42.69	30 49 6.7	252	204	
	9	42.77	9.6	651	151	
574	9½	7 43.14	59 23 17.5	269	97	
575	9	7 45.71	50 45 40.0	569	184	
	9	45.85	44.0	650	185	
576	8	7 46.88	60 55 25.7	210	134	
577	9½	7 47.41	62 36 25.9	208	44	
578	8½	7 47.93	29 48 40.2	649	200	
	8	48.01	43.0	213	3	
	8½	48.05	42.0	160	99	
579	10	10 7 49.36	71 18 41.2	202	30	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
580	8½	10 7 50.45	44 32 58.4	279	48
581	9	7 52.37	30 55 10.0	252	203
	8½	52.44	12.1	651	150
	8½	52.51	9.5	160	100
	8½	52.76	10.3	223	2
582	7	7 53.66	32 24 57.3	223	1
	6½	53.89	55.8	660	106
583	8½	7 53.92	50 47 54.7	569	185
	8½	54.07	54.4	650	184
584	9	7 53.96	53 48 32.0	564	150
	8½	54.19	32.1	658	85
585	9½	7 54.56	45 34 26.9	217	18
586	9	7 54.61	53 33 16.1	564	151
587	9	7 54.76	49 10 21.5	666	16
588	10	7 56.65	28 48 49.9	213	4
589	7	7 56.86	67 16 29.8	238	175
	7	56.95	32.1	573	64
	7	57.13	33.4	176	13
590	9	7 57.42	69 2 17.0	577	25
591	8½	7 57.69	46 51 43.6	217	19
	8½	57.76	42.2	168	171
592	9	7 58.74	27 20 36.5	231	19
593	8½	7 59.27	63 12 18.1	205	29
594	8½	8 1.20	63 47 32.9	600	23
595	9	8 3.03	39 0 48.5	606	76
596	8	8 4.90	47 18 3.6	662	81
	8	4.92	2.7	163	99
597	9½	8 4.94	60 52 57.4	210	136
598	9½	8 5.57	52 42 26.4	256	170
	9½	5.81	26.5	571	165
599	9	8 8.31	67 22 10.6	573	66
	9½	8.38	12.3	573	63
	9½	8.67	10.6	238	177
	9½	8.71	14.6	176	15
600	9½	8 8.80	50 42 5.9	569	186
601	9	8 10.45	47 46 44.0	662	80
602	9	8 11.42	50 7 33.9	594	17
603	9	8 11.50	55 9 56.1	234	23
	9	11.61	55.9	237	25
604	7½	8 13.50	69 2 50.7	577	24
605	8	8 15.07	53 57 21.2	564	152
	8	15.18	19.0	658	84
	8	15.21	20.4	259	201
606	9½	8 16.12	28 32 35.2	649	201
607	8	8 17.48	55 31 56.8	237	26
608	9½	8 17.78	36 49 43.8	275	67
609	7	8 18.31	23 11 42.4	226	30
610	9	8 18.44	52 49 49.1	256	171
	8½	18.45	51.0	571	166
611	9	8 20.04	42 22 6.5	278	18
612	9½	8 20.06	42 9 1.8	278	16
613	8	8 20.58	43 48 6.7	279	50
614	9	8 20.77	43 31 10.6	279	53
615	9½	8 22.81	40 24 23.4	619	125
616	10	8 24.62	27 22 9.8	231	20
617	9½	8 24.82	39 42 19.0	619	128
618	8	8 25.76	49 59 30.6	594	18
619	6½	8 26.96	39 43 38.2	619	126
620	9½	8 28.06	42 12 24.0	278	17
621	9½	8 28.57	53 48 51.4	564	153
	9	28.63	50.8	658	86
	9	28.77	49.6	259	200
622	9½	8 28.89	54 25 1.2	234	24
623	8½	8 29.62	42 25 44.1	278	19
624	9½	8 30.02	43 28 50.3	279	52
625	9½	8 30.38	46 15 18.0	168	173
626	6	8 33.59	50 36 48.1	594	20
627	9	8 35.96	42 34 15.1	278	20
628	6½	10 8 36.74	39 41 27.2	619	127
629	9½	10 8 37.26	39 16 32.8	619	129
630	9	8 39.01	38 43 29.3	606	77
631	8	8 39.08	65 33 49.4	591	27
632	9½	8 39.42	62 2 51.2	208	42
633	8	8 40.15	49 50 35.4	594	19
634	9	8 40.25	43 38 26.1	279	54
635	6	8 40.32	51 8 11.3	569	188
	6	40.51	11.2	650	187
636	9	8 40.35	46 6 18.8	168	174
	9	40.60	18.1	217	21
637	6	8 40.62	51 8 13.7	597	8
638	9½	8 43.35	46 58 41.2	168	176
	9	43.38	41.5	662	83
	9½	43.52	41.1	217	20
639	8½	8 45.22	51 27 17.7	569	189
	8½	45.36	18.3	597	7
	9	45.37	15.0	650	186
640	9	8 46.55	26 25 1.1	665	4
641	9½	8 46.59	59 20 35.8	269	101
642	8½	8 47.26	69 5 3.7	577	26
643	9½	8 47.88	67 19 58.7	573	68
644	6½	8 47.94	59 17 56.7	269	100
645	9	8 48.85	55 39 20.2	237	27
646	8½	8 48.92	42 38 50.5	278	21
647	9	8 49.90	49 9 26.3	666	18
	9	49.93	27.9	219	14
648	9½	8 49.95	54 26 35.9	658	87
	9½	50.08	33.6	259	202
649	8	8 50.79	38 43 25.9	606	78
650	7	8 50.79	38 28 59.3	606	79
651	8½	8 51.31	53 3 59.9	256	173
	9	51.39	59.1	571	167
652	8	8 51.47	47 23 52.0	219	15
	8½	51.55	50.3	662	82
	8½	51.64	50.2	163	100
	8½	51.64	51.2	662	84
	8½	51.75	50.4	163	103
653	9	8 51.71	56 51 25.9	581	55
	9	51.83	26.2	585	61
654	9½	8 51.76	36 27 48.9	275	68
655	9	8 51.79	43 28 19.4	279	51
656	9	8 52.04	62 40 15.5	208	43
657	7½	8 53.09	55 58 3.0	237	28
	7	53.25	2.0	581	54
658	9	8 53.89	61 11 38.5	210	138
659	8	8 54.20	65 40 6.8	591	28
660	8½	8 54.27	38 14 55.4	606	80
661	8½	8 54.89	34 38 6.5	587	84
	8½	54.97	5.4	274	60
662	8½	8 55.67	63 35 50.2	205	30
	8½	55.82	52.3	600	24
	8½	55.85	51.9	205	34
663	9	8 55.72	48 34 54.6	666	19
664	8½	8 56.64	46 6 43.9	168	175
	8½	56.75	46.8	217	22
665	9½	8 56.81	74 15 30.5	202	33
666	8	8 56.45	58 59 7.0	579	97
667	8	8 57.51	66 4 21.6	591	30
668	7½	9 0.47	63 46 37.5	600	25
669	10	9 0.92	79 42 2.1	173	59
670	9½	9 1.18	31 48 37.5	252	205
671	8	9 2.25	52 37 16.2	256	172
	8½	2.35	18.4	562	180
672	9	9 2.93	57 3 49.0	585	64
673	9	9 3.05	24 46 54.3	664	27
674	9½	9 3.30	26 32 20.0	228	26
675	8	10 9 3.52	67 27 0.3	573	67
	8	3.66	0.0	573	71
	8	3.70	3.1	176	16

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
676	8	10 9 3.56	30 11 49.5	651	152	
	7½	3.81	51.2	213	5	
677	9	9 3.65	58 35 59.1	579	98	
678	8½	9 6.24	24 55 57.8	664	28	
	9	6.38	57.0	226	31	
679	8	9 7.06	42 11 19.1	278	22	
680	8½	9 8.21	26 41 15.6	665	5	
	9	8.24	16.3	228	25	
681	9½	9 8.33	28 11 57.7	649	202	
	9	8.34	59.9	231	21	
682	8½	9 9.22	48 6 12.0	219	16	
	8½	9.28	10.9	666	20	
	8½	9.50	11.1	163	101	
683	9½	9 10.13	79 44 21.7	173	61	
684	10	9 11.58	60 8 24.4	272	82	
685	7½	9 12.04	24 43 46.9	664	29	
	8	12.11	45.8	226	32	
686	8½	9 12.27	36 1 42.4	275	69	dpl. II. s.sq.
687	9½	9 12.86	67 15 29.7	573	69	
688	10	9 13.31	53 52 13.3	564	154	
689	9½	9 15.53	53 13 12.9	256	174	
	9	15.57	16.7	571	168	
690	8	9 16.71	64 32 51.2	600	27	
691	7	9 17.08	61 2 21.2	210	139	
692	8½	9 18.26	57 5 58.2	585	62	
693	9	9 18.40	63 21 52.6	205	31	
	9	18.41	57.2	205	33	
694	9	9 21.84	47 33 14.1	163	102	
695	9	9 22.30	61 53 9.7	210	141	
696	9½	9 22.42	54 17 40.8	658	89	
	9½	22.56	38.5	259	203	
697	9½	9 23.48	61 27 49.0	210	140	
698	8½	9 23.95	34 19 26.2	587	85	
699	9	9 24.40	50 30 1.8	594	21	
700	8	9 28.18	59 38 39.0	269	102	
	8	28.53	38.0	272	81	
701	9	9 29.16	27 17 54.4	231	22	
	9½	29.22	52.1	665	6	
702	9	9 29.28	32 46 40.6	252	206	
	9	29.46	42.0	587	86	
	8½	29.62	41.0	660	107	
	8½	29.68	42.1	223	3	
703	9	9 29.36	42 4 1.1	278	24	
704	7½	9 29.47	54 22 24.5	658	88	
	7½	29.60	25.3	234	25	
	8	29.62	24.5	259	205	
705	9	9 30.66	33 44 29.1	660	108	
	9	30.68	28.5	587	87	
706	10	9 32.58	60 14 18.2	272	83	
707	10	9 32.69	47 1 32.7	168	177	
708	7	9 34.20	41 6 24.3	619	130	
709	8½	9 35.43	24 43 35.2	664	30	
	9	35.52	34.6	226	33	
710	8½	9 36.48	44 15 30.1	279	56	
711	9	9 38.92	61 45 58.9	210	142	
712	7½	9 39.80	51 11 35.4	650	188	
	7½	39.84	38.0	597	9	
	7½	39.97	35.1	569	190	
713	8½	9 40.57	41 55 52.2	278	25	
714	9	9 41.62	73 50 41.8	202	31	
715	9	9 42.21	57 5 29.5	585	63	
716	8	9 43.26	54 31 13.7	658	91	
	8	43.37	11.6	259	204	
	8	43.47	12.5	234	27	
717	8½	9 44.77	69 12 19.3	577	27	
718	9½	9 45.52	53 3 19.1	571	169	
719	9½	9 49.06	52 19 24.2	562	181	
	9½	49.19	25.8	562	182	
720	9½	10 9 49.52	47 22 48.8	662	85	
721	7	10 9 50.14	43 50 47.7	279	55	
722	9	9 51.71	44 12 49.4	279	57	
723	6½	9 52.61	35 53 47.9	275	70	
724	9	9 53.54	58 44 19.0	579	99	
725	9½	9 54.45	49 18 17.4	666	24	
726	8½	9 55.41	42 4 6.8	278	23	
727	9	9 55.60	63 16 46.9	205	32	
728	9	9 56.98	64 29 56.1	600	26	
729	8	9 58.04	54 40 19.4	658	90	
	8	58.08	20.5	259	206	
	8	58.15	21.2	234	26	
730	5½	9 58.46	65 45 11.7	591	29	
731	9	9 58.93	33 37 44.4	660	109	
732	9	9 59.97	56 29 40.0	581	56	
733	9½	10 1.18	60 37 54.9	272	84	
734	8½	10 3.00	49 17 5.1	666	23	
735	8	10 3.35	34 51 30.6	587	89	
	8	3.38	31.8	274	61	
736	8½	10 4.12	30 51 34.8	213	7	
737	9	10 4.61	27 48 15.5	649	203	
738	9½	10 4.70	58 47 15.4	579	100	
739	8	10 4.86	30 34 45.4	651	153	
	8	4.93	45.5	213	6	
740	9½	10 5.08	59 30 41.1	269	103	
741	10	10 5.13	30 58 54.0	223	5	
742	9	10 5.98	32 39 27.5	252	207	dpl. III. s.pr.
743	9	10 7.02	33 53 1.6	660	111	
	9	7.19	0.7	587	88	
744	9½	10 9.68	25 53 30.0	228	27	
	9	9.81	27.5	664	31	
	9	9.86	29.3	665	8	
745	9	10 10.24	65 5 11.3	600	29	dpl. III. s.pr.
746	9½	10 10.39	41 13 25.4	619	131	
747	9	10 11.69	48 9 26.1	666	21	
	9	11.70	27.5	219	17	
748	9½	10 12.03	60 4 1.3	272	85	
749	9½	10 13.14	59 27 35.9	269	104	
750	8	10 13.39	31 33 15.6	252	208	
	8	13.56	16.6	651	154	
	8	13.68	18.9	223	4	
751	9½	10 13.56	62 48 32.7	208	45	
752	9½	10 14.13	26 1 24.4	228	29	
	9	14.35	25.4	664	33	
753	9	10 14.31	25 58 24.2	228	28	
	8½	14.43	25.4	664	32	
	8½	14.49	25.1	665	7	
754	8	10 16.09	38 40 12.2	606	81	
755	9	10 16.41	48 51 3.4	666	22	
756	9½	10 16.59	33 54 17.2	660	110	
757	10	10 16.95	36 21 33.4	275	71	
758	6½	10 17.07	42 29 19.6	278	26	
759	9	10 17.21	56 20 15.7	581	57	
760	8½	10 19.14	57 55 58.2	263	92	
761	8	10 21.81	55 51 44.9	237	29	
762	7½	10 22.49	27 59 36.5	649	204	
	7	22.60	39.7	231	23	
763	9½	10 22.63	38 59 23.4	606	83	
764	8	10 25.09	68 28 41.6	573	73	
	8	25.29	40.8	176	22	
765	9	10 26.05	61 50 2.4	210	143	
766	9	10 26.11	49 36 22.1	219	20	
	9	26.18	21.2	666	26	
	9	26.29	21.1	594	22	
767	9½	10 26.40	59 0 56.5	579	102	
768	9	10 26.57	52 36 45.8	562	183	
	9	26.65	47.5	571	170	
	9	26.65	45.8	256	175	
769	8½	10 27.42	39 43 7.7	619	132	
770	9	10 10 28.79	46 39 50.5	168	178	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
771	8½	10 10 29.06	39 49 5.2	619	133	
772	9½	10 29.63	27 57 29.2	231	24	
773	9	10 30.28	67 22 8.5	176	17	
774	8	10 30.29	27 5 13.9	231	25	
	8½	30.40	14.5	665	9	
775	9½	10 30.34	56 2 51.5	237	30	
	9½	30.57	52.1	581	58	
776	9½	10 30.46	46 19 21.0	217	23	
	9½	30.64	20.8	168	179	
777	7	10 30.51	67 26 19.4	573	70	
	7	30.58	22.4	176	18	
	7	30.87	22.3	176	21	
778	8½	10 31.26	47 22 14.6	662	86	
	8½	31.42	13.6	163	104	
779	8½	10 33.29	64 51 17.3	600	28	
780	8½	10 34.12	63 55 9.8	600	30	
781	7	10 35.04	55 2 10.3	234	30	
782	9	10 35.06	67 22 10.0	573	72	
783	8	10 35.83	28 21 18.4	649	205	
784	9	10 36.08	54 8 2.1	658	93	
785	9	10 36.77	48 36 9.5	219	18	
786	9	10 37.86	38 53 2.0	606	82	
787	6½	10 38.84	54 21 8.7	658	92	
	6½	38.84	8.8	259	207	
	6½	38.85	8.5	234	28	
788	9	10 41.01	47 56 32.5	662	87	
	9	41.21	34.0	163	105	
789	9½	10 41.85	43 36 57.8	279	60	pr.
790	9½	10 41.91	60 7 12.6	272	87	
791	9	10 42.07	49 54 26.4	594	23	
792	7½	10 42.57	55 4 4.0	234	31	
793	9	10 42.62	33 44 9.5	660	113	
794	9	10 43.41	43 36 58.9	279	59	sq.
795	8	10 44.76	43 56 51.0	279	58	
796	9	10 44.98	47 50 49.5	662	88	
797	9	10 45.70	54 27 29.5	259	210	
	9	45.82	32.1	234	29	
	9	45.89	30.2	658	94	
798	4	10 45.92	69 25 3.3	577	29	
799	8	10 48.64	50 38 6.9	597	13	
800	9½	10 49.53	28 53 58.2	649	206	
801	9½	10 50.46	30 45 3.8	651	155	
802	7½	10 51.13	71 2 54.1	577	28	
803	9½	10 51.23	33 49 9.3	660	114	
	9½	51.23	9.5	587	91	
804	9	10 51.25	33 54 16.8	587	90	
	9	51.39	13.8	660	112	
805	9	10 52.52	57 13 56.2	585	65	
806	7½	10 53.14	49 33 18.1	594	24	
	7½	53.25	18.5	219	19	
	7½	53.38	17.0	666	25	
807	9½	10 53.34	58 8 39.3	263	94	
808	9	10 53.90	61 58 9.5	210	145	
	9	53.93	9.9	208	46	
809	7½	10 53.96	36 17 13.5	275	72	
810	9	10 54.95	74 13 39.2	202	32	
811	9	10 55.35	24 3 12.3	664	34	
812	9	10 56.61	56 46 4.5	581	61	
	9	56.88	7.8	585	66	
813	8½	10 57.56	67 41 24.4	176	19	
814	9	10 58.34	43 12 34.2	279	61	
815	9½	10 58.81	30 16 48.3	213	8	
816	9	10 58.84	56 30 17.9	581	59	
817	9	10 59.38	50 42 13.9	569	191	
818	8	10 59.84	52 1 17.1	562	184	n. pr.
	8	59.84	18.7	569	193	
	8	59.90	17.3	256	176	
	8	59.92	16.3	650	189	
	8	59.97	18.6	597	10	
819	8	10 10 59.96	55 29 7.7	237	31	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
820	9½	10 11 0.84	30 44 2.3	651	156	
821	9	11 0.88	58 6 50.1	263	93	
822	8	11 1.71	52 1 53.7	256	177	s. sq.
	8	1.71	53.1	650	190	
	8	1.74	51.1	597	11	
	8	1.78	52.3	569	192	
	8	1.79	53.3	562	185	
823	8	11 2.16	51 34 53.3	569	194	
	7½	2.26	54.5	650	191	
	8½	2.32	54.5	597	12	
824	8	11 3.74	75 27 26.0	173	63	
825	9	11 4.66	54 37 48.5	658	95	
	9	4.67	44.7	259	208	
826	7½	11 9.22	66 31 17.5	591	32	
827	8½	11 9.31	45 46 48.9	217	25	
	8½	9.36	47.4	168	180	
828	9	11 9.52	58 57 1.5	269	105	
	9	9.72	1.5	579	101	
829	8	11 9.95	55 2 27.5	234	33	
830	9	11 10.24	61 25 45.9	210	147	
831	9½	11 12.12	45 25 46.4	168	182	} dpl.
832	9½	11 12.66	45 25 15.8	168	181	
833	9½	11 14.27	54 36 28.0	259	209	
	9½	14.32	30.5	658	96	
834	9	11 14.47	55 17 10.4	237	33	
835	9½	11 14.56	42 42 9.5	278	28	
836	8	11 16.25	68 15 9.1	176	23	pr.
	8	16.34	10.2	573	74	
837	7½	11 17.76	33 30 15.3	660	115	
	8	17.78	14.5	274	63	
838	9	11 17.99	72 42 49.7	202	35	
839	9	11 18.63	60 6 53.5	272	86	
840	9½	11 18.79	40 0 44.0	619	134	
841	8	11 18.81	29 2 43.8	649	207	
	8	18.86	47.0	213	10	
	8	18.97	47.2	231	26	
842	8	11 18.86	68 15 7.2	176	24	sq.
	8	18.91	7.0	573	75	
843	8½	11 19.55	30 17 58.7	651	157	
	8	19.65	56.9	218	9	
844	9	11 19.68	53 16 57.4	571	171	
	9	19.79	56.5	564	155	
845	8½	11 19.96	67 36 40.8	176	20	
846	7	11 20.68	54 53 52.8	234	34	
847	9	11 20.71	40 52 58.3	619	135	
848	9	11 20.81	65 10 57.1	591	34	
849	8½	11 21.36	55 24 57.5	237	32	
850	9½	11 22.90	35 13 52.2	274	62	
851	9	11 22.90	69 0 57.7	577	30	
852	8½	11 24.22	56 45 8.1	581	60	
	8½	24.22	9.2	585	67	
853	8	11 25.00	49 2 25.1	666	27	
	8	25.10	26.9	219	21	
854	9½	11 28.00	35 54 37.2	275	74	
855	9	11 28.48	24 27 20.8	664	35	
856	9	11 28.84	26 14 22.7	228	30	
	9	28.87	21.0	665	10	
857	9	11 28.95	42 21 31.9	278	27	
858	9½	11 29.72	32 2 53.7	252	210	
	9	29.83	52.2	651	159	
859	7	11 30.05	61 54 51.9	210	144	
	7½	30.09	52.8	208	47	
860	8½	11 30.42	35 57 10.3	275	73	
861	9½	11 31.76	46 15 57.5	217	24	
862	8½	11 32.29	72 3 24.1	202	37	
863	9½	11 33.36	56 48 7.9	585	68	
864	8	11 33.42	66 40 25.8	591	31	
865	9	11 36.26	32 3 51.8	252	211	
	8½	36.56	54.9	651	158	
866	9½	10 11 36.63	55 16 59.1	237	34	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
867	9½	10 11 36.70	31 14 13.1	252	209
	9½	37.13	15.9	223	6
868	7	11 38.11	66 39 51.1	591	33
869	9½	11 38.17	59 35 33.8	269	108
870	7½	11 41.99	23 15 8.1	226	34
871	9	11 43.94	72 17 20.9	202	36
872	8½	11 44.08	54 58 28.3	234	32
873	9	11 44.55	43 8 55.2	279	62
874	8½	11 45.49	66 15 52.7	591	35
875	7	11 46.95	59 16 49.4	269	106
876	9	11 47.62	48 44 28.0	219	22
877	7	11 48.09	50 34 54.2	597	14
878	9½	11 48.36	63 5 15.4	205	37
879	9½	11 48.45	49 3 33.8	666	28
880	9	11 48.72	53 27 32.4	564	156
	9½	48.73	31.3	256	178
	9	49.01	32.0	259	211
881	9½	11 49.17	49 53 5.5	594	25
882	9½	11 49.41	60 5 23.1	272	88
883	9½	11 49.43	33 45 59.4	587	92
884	9½	11 49.47	32 7 47.9	252	212
885	8½	11 49.79	33 47 26.6	587	93
	8½	49.86	29.2	660	116
	8½	49.94	28.1	274	64
886	9½	11 50.63	51 17 8.4	569	195
887	9	11 51.49	41 27 6.3	278	29
888	9½	11 51.69	38 42 54.5	606	84
889	8½	11 54.04	40 53 23.4	278	30
	8½	54.08	22.1	619	136
890	9½	11 54.95	51 17 46.8	569	196
891	9	11 58.01	28 11 45.4	649	208
892	9	11 58.90	33 1 36.3	587	94
	9½	58.91	38.5	223	7
	9	59.06	37.8	660	118
893	9½	11 58.94	62 15 7.4	208	48
894	9	11 59.13	65 24 9.6	600	32
895	9½	12 0.17	43 9 14.2	279	63
896	9	12 0.56	80 2 3.6	173	60
897	9	12 0.68	59 24 26.8	269	109
	9	0.73	25.4	269	107
898	8½	12 1.37	63 8 26.7	205	36
	8½	1.41	26.1	205	35
899	9½	12 1.95	73 45 28.0	202	34
900	8½	12 3.29	28 36 34.2	649	209
	8½	3.40	37.6	231	27
901	9½	12 3.89	47 31 41.6	662	89
902	9	12 4.11	24 52 14.2	228	31
903	9	12 5.79	37 14 4.4	606	85
904	8½	12 7.36	26 55 43.1	665	11
905	8	12 8.34	69 0 53.3	577	32
	8	8.49	55.7	573	77
	8	8.53	54.9	176	25
906	7	12 14.45	46 12 36.6	217	26
907	9	12 15.70	58 13 34.9	579	103
	9	15.93	36.6	263	95
908	9	12 16.06	44 27 33.4	279	64
909	9½	12 17.24	37 28 47.6	606	86
910	8	12 18.40	55 3 27.7	234	37
911	9½	12 20.18	44 44 56.8	279	65
912	10	12 21.02	51 51 49.5	562	186
913	9	12 23.15	33 45 26.9	660	117
	9	23.16	28.5	587	95
	9	23.26	27.1	274	65
914	8½	12 23.53	55 11 60.3	234	36
	9	23.69	58.2	237	35
915	9½	12 23.90	49 54 29.8	594	27
916	6	12 23.96	28 22 1.0	649	210
	6	24.03	3.9	231	28
917	8½	10 12 24.72	26 34 5.8	228	33
	8½	24.80	6.5	665	12
918	9	10 12 26.85	69 25 6.4	577	31
919	9	12 28.16	23 6 16.9	226	35
920	9	12 28.38	62 15 53.4	208	49
921	9	12 29.98	24 39 15.4	664	36
922	9	12 30.56	47 19 20.8	163	106
923	8	12 31.37	49 28 20.0	666	29
	8½	31.42	22.5	594	28
924	9	12 32.07	49 57 33.6	594	26
925	9½	12 33.13	53 17 8.3	571	172
926	9	12 33.95	55 17 53.8	237	36
	8½	34.01	54.6	234	35
	8½	34.14	55.1	234	38
927	9	12 34.09	64 14 23.5	600	31
928	9½	12 35.40	68 57 41.6	573	78
	9½	35.42	40.8	577	33
	9½	35.55	39.1	176	26
929	9½	12 35.88	57 28 16.8	585	69
930	8½	12 35.96	61 40 56.2	210	146
931	8	12 36.71	47 47 35.5	662	90
	8	36.81	35.5	163	107
932	8½	12 36.78	25 52 25.1	228	32
	8	36.86	26.3	665	13
	8	36.94	27.9	664	37
933	9	12 37.94	51 27 35.3	569	197
	9	38.13	33.9	650	192
934	8	12 38.47	69 38 25.0	577	34
	8	38.59	24.8	176	27
935	8½	12 40.38	58 0 31.1	263	96
936	9½	12 43.44	51 27 8.1	650	193
	9½	43.54	7.3	569	199
937	8½	12 43.95	39 36 48.6	619	138
938	9	12 46.08	55 22 3.5	237	37
939	8½	12 47.08	53 46 29.4	259	214
	8	47.15	29.4	564	157
	8½	47.23	27.4	259	212
	8	47.23	28.7	658	97
940	9	12 47.77	64 54 58.7	600	34
941	9½	12 47.95	27 52 51.2	649	212
942	9	12 48.68	59 1 44.6	579	104
943	9	12 49.27	53 10 34.0	571	173
944	9½	12 49.38	62 13 11.5	208	50
945	8½	12 51.01	47 43 39.9	662	91
	9	51.04	38.6	163	108
946	8	12 51.21	37 44 45.0	606	87
947	9½	12 51.24	32 38 57.7	252	213
948	8½	12 52.16	50 17 42.3	594	30
949	9	12 52.60	25 7 24.7	226	36
950	9½	12 54.28	56 26 42.9	581	62
951	4	12 54.74	60 42 26.0	272	89
	3	54.75	26.1	210	149
952	9	12 55.33	68 17 13.6	573	76
953	8½	12 57.55	39 51 54.4	619	137
954	9	12 57.88	61 3 21.5	210	148
955	9½	12 58.61	45 37 54.6	217	28
956	7½	13 0.36	31 54 47.5	651	160
	7½	0.49	46.1	660	119
957	9	13 0.68	44 56 51.5	217	27
	9	0.91	51.8	279	67
958	9½	13 0.72	53 14 32.3	571	174
959	9½	13 2.02	26 0 10.7	664	38
960	9	13 2.70	52 51 35.1	571	175
	9½	2.74	35.6	256	180
961	9	13 2.81	57 54 26.9	263	97
962	8½	13 3.34	48 8 29.3	662	92
	8½	3.36	31.4	219	23
	8	3.38	28.9	666	32
	8½	3.54	28.5	163	109
963	8	10 13 3.36	35 8 7.8	274	66
	8	3.37	9.0	587	96
	8	3.43	7.9	275	75

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
964	9½	10 13 4.04	32 41 3.7	252	214
965	9	13 4.95	49 31 2.9	666	30
966	9	13 5.14	31 8 4.5	213	11
967	9	13 5.96	49 1 4.0	219	24
	9	5.99	1.9	666	31
968	9	13 6.39	51 3 12.9	597	15
	8½	6.51	10.4	569	200
969	8½	13 7.89	51 19 17.1	569	198
	8½	7.96	20.6	597	16
970	8½	13 8.29	27 48 41.3	649	211
	8½	8.32	45.7	665	14
971	7	13 8.42	36 10 46.1	275	77
972	6½	13 9.09	41 2 35.0	278	32
	6½	9.26	35.1	619	140
973	9½	13 11.02	44 49 17.6	279	66
974	8	13 11.43	53 59 50.5	658	98
	8	11.44	52.1	564	158
	8	11.49	50.8	259	213
975	9½	13 11.52	28 7 22.2	231	29
976	9	13 12.01	30 47 35.1	651	161
977	9	13 12.48	58 8 11.7	579	106
978	9	13 13.25	24 58 15.5	228	35
	9	13.37	17.2	664	39
	9	13.49	14.5	226	37
979	8½	13 14.94	37 46 58.4	606	88
980	10	13 15.56	33 2 58.4	223	8
981	9½	13 16.01	32 35 38.3	252	216
	9½	16.31	39.1	660	121
982	8½	13 16.09	32 37 12.7	252	215
	9	16.25	15.9	223	9
	8½	16.28	12.5	660	120
983	8	13 17.32	50 11 55.3	594	29
984	8½	13 17.37	58 43 45.2	579	105
985	9½	13 18.38	53 0 59.9	571	176
986	9	13 18.93	41 1 24.1	278	31
	9½	19.00	26.1	619	139
987	9	13 19.01	78 44 11.0	173	62
988	9½	13 19.14	57 48 27.0	263	99
	9½	19.21	26.8	263	98
989	9	13 19.94	32 35 19.6	660	122
	9	20.14	18.3	252	217
	9	20.32	19.9	223	10
990	9½	13 21.18	25 4 15.7	226	38
	9½	21.23	16.6	228	34
	9½	21.24	15.7	664	40
991	8	13 23.06	28 20 3.1	649	213
	8½	23.07	3.5	231	30
992	9	13 24.66	54 6 6.0	259	216
	9	24.81	5.8	658	99
993	9½	13 24.93	44 37 1.7	279	69
994	9	13 28.96	35 46 46.0	275	76
995	9	13 29.42	45 39 20.2	217	29
996	7½	13 30.69	51 42 21.2	597	19
997	9½	13 33.40	59 13 21.6	269	110
998	8	13 33.47	52 6 30.0	256	179
	8½	33.54	31.2	597	18
	8½	33.64	31.0	562	187
999	9	13 34.13	24 39 42.2	664	41
	9	34.19	38.9	226	40
1000	7	13 36.88	33 59 27.0	587	97
	7	36.95	27.6	660	124
	7	37.03	26.8	274	67
1001	9½	13 37.18	58 52 40.4	579	107
1002	9	13 38.24	45 0 51.2	279	68
1003	9½	13 39.12	54 32 51.8	234	39
	9½	39.12	52.0	259	218
	9½	39.23	50.2	658	101
1004	8	10 13 40.73	49 17 12.1	666	33
	8	40.95	14.0	219	25
1005	8½	10 13 41.07	53 57 5.0	658	100
	9	41.10	5.8	259	215
	8½	41.34	4.9	564	159
1006	9½	13 41.68	56 0 29.0	581	63
1007	8	13 41.87	51 7 12.0	569	201
	8	41.88	13.0	597	17
1008	9	13 45.55	62 45 56.6	208	51
	9	45.58	59.6	205	38
1009	9½	13 45.74	60 27 2.7	210	150
1010	8	13 45.76	37 0 20.2	275	78
1011	7½	13 46.11	64 48 13.9	600	33
1012	8	13 46.52	78 22 50.8	173	64
1013	9½	13 46.71	36 57 20.9	275	79
1014	9	13 47.39	56 49 4.8	581	67
	8½	47.48	5.0	585	70
1015	8½	13 50.30	31 15 46.3	651	162
1016	9	13 50.44	28 47 47.6	649	214
	8½	50.62	49.5	213	12
1017	9	13 51.37	50 4 13.3	594	31
1018	9½	13 52.46	68 41 1.9	573	81
1019	9	13 52.64	68 44 37.2	573	80
1020	9½	13 52.65	56 2 56.2	581	64
1021	9	13 53.15	24 36 13.8	226	39
	9	53.17	13.5	664	42
1022	9	13 53.26	55 35 6.1	237	41
1023	9	13 54.03	26 33 28.9	228	36
	9	54.16	28.8	665	15
1024	8½	13 54.55	55 55 56.3	581	65
1025	9½	13 57.50	54 13 21.3	259	217
1026	9½	13 58.20	62 42 21.6	208	52
	9½	58.27	23.6	205	39
1027	7½	13 58.55	30 22 10.4	213	13
1028	8½	14 1.04	69 53 15.7	176	29
1029	9½	14 1.87	71 38 20.7	202	38
1030	8½	14 2.95	28 20 5.4	649	215
	8½	3.08	6.7	231	31
1031	9	14 3.20	53 40 5.1	564	160
1032	9½	14 3.42	47 45 20.8	662	93
1033	6½	14 4.84	55 29 15.7	237	39
1034	7½	14 6.67	50 5 22.4	594	32
1035	8½	14 7.25	32 6 22.4	660	123
1036	9½	14 9.04	51 33 57.1	569	202
1037	8½	14 10.63	33 47 31.2	660	126
	9	10.72	29.8	587	98
1038	8	14 11.18	55 24 18.7	237	40
1039	9½	14 14.78	45 32 32.0	217	31
1040	8½	14 15.13	42 43 4.5	278	33
1041	9	14 16.25	76 27 50.5	173	67
1042	9	14 17.92	70 34 53.2	577	36
	9	18.22	51.0	176	30
1043	9	14 18.26	28 1 29.3	649	217
	9½	18.45	32.4	231	33
1044	8	14 18.74	45 1 10.3	279	70
1045	9	14 18.94	23 7 53.9	226	41
1046	9	14 19.34	54 42 37.4	234	40
	9	19.49	38.8	234	43
1047	9	14 19.35	70 31 40.4	176	28
	9	19.69	41.8	577	37
1048	10	14 19.45	39 2 14.9	606	89
1049	8½	14 20.13	49 29 33.2	666	34
	8½	20.15	33.7	219	26
1050	9	14 21.36	70 43 17.8	577	35
1051	9½	14 22.60	52 56 53.9	571	177
1052	8½	14 23.61	45 35 26.9	217	30
1053	9½	14 23.72	32 30 7.9	252	218
1054	8½	14 24.00	28 2 27.2	649	216
	8½	24.04	29.2	231	32
1055	8	14 24.61	77 39 34.0	173	65
1056	8½	10 14 24.99	66 47 18.1	591	36

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1057	9½	10 14 25.23	52 54 49.5	571	178	
1058	7	14 25.55	55 23 38.6	237	38	dpl. II. sq.
1059	8	14 26.22	30 59 20.7	651	164	
	8	26.34	19.4	213	15	
1060	9½	14 26.33	48 47 19.2	666	35	
1061	9½	14 27.08	53 33 42.0	564	161	
1062	9½	14 27.34	54 39 48.3	234	41	
	9½	27.36	48.8	234	44	
1063	9½	14 30.49	59 47 20.7	269	113	
	9½	30.56	19.5	269	111	
	9½	30.75	20.8	272	90	
1064	9	14 32.14	33 53 6.6	660	125	
	9	32.17	6.3	587	99	
1065	7½	14 32.29	30 57 21.4	213	14	
	7½	32.35	17.6	651	163	
	8	32.46	21.9	223	13	
1066	9	14 33.16	56 0 49.0	581	66	
1067	8½	14 33.97	62 44 2.7	208	54	
	8½	34.27	7.4	205	41	
1068	9	14 34.42	60 19 9.7	272	92	
1069	9½	14 36.19	61 2 35.3	210	153	
1070	8	14 36.56	32 30 3.7	252	219	dpl. III. s. sq.
	7½	36.65	5.4	660	127	
	8	36.77	6.1	223	11	
1071	9½	14 36.91	62 24 56.6	208	55	
1072	9	14 37.57	59 8 27.9	269	112	
1073	9½	14 39.71	52 10 8.6	562	188	
1074	9½	14 40.16	23 0 56.2	226	43	
1075	9½	14 40.33	62 40 25.9	208	53	
	9½	40.77	26.4	205	40	
1076	7½	14 40.69	39 4 30.0	606	90	
	7	40.83	30.3	619	141	
1077	8	14 40.77	23 0 40.8	226	42	
1078	9½	14 42.07	26 26 8.5	228	37	
	9½	42.08	8.2	665	16	
1079	8½	14 44.11	60 45 16.6	210	152	
1080	9	14 44.62	58 57 56.7	579	108	
1081	9½	14 44.95	73 47 57.6	202	40	
1082	8½	14 46.67	46 28 16.0	217	33	
1083	7	14 46.87	47 19 58.3	163	110	
	7	46.91	59.9	219	27	
	7	46.93	58.4	662	94	
1084	9½	14 47.76	53 52 23.2	564	162	
	9½	47.89	22.5	658	102	
1085	9½	14 48.46	46 20 9.3	217	34	
1086	8	14 48.80	29 53 1.6	651	166	
1087	8	14 50.03	35 34 29.9	275	80	
1088	10	14 54.42	66 21 34.8	591	37	
1089	9½	14 54.49	52 22 10.7	562	189	
1090	9	14 54.85	45 7 7.9	279	71	
1091	5½	14 55.21	54 24 9.2	234	42	
	5½	55.22	5.8	259	219	red
	5½	55.32	6.7	658	103	
1092	9½	14 55.55	67 24 8.2	573	83	
1093	7	14 55.55	31 11 12.3	651	165	
	7	55.69	15.0	223	12	
	7	55.79	12.4	213	16	
1094	9½	14 57.19	58 54 15.5	579	109	
1095*	9½	14 57.45	50 56 27.3	594	34	s. pr.
1096	9	14 57.64	35 14 47.7	275	81	
1097	7	14 57.76	45 29 8.0	217	32	
1098	7	14 58.72	50 56 26.0	597	20	n. sq.
	7½	58.83	24.1	569	204	
	7	59.05	26.1	594	33	
1099	9½	14 59.29	59 56 14.8	272	91	
1100	8	15 0.52	60 28 47.7	210	151	
	8½	0.90	51.9	272	93	
1101	9	10 15 3.55	56 46 41.3	585	73	
	9	3.82	38.2	581	68	
1102	9	10 15 4.66	64 45 53.9	600	35	
1103	9½	15 5.02	39 44 17.5	619	142	
1104	9	15 6.52	77 14 23.5	173	66	
1105	8½	15 9.33	42 36 39.3	278	36	
1106	9	15 9.98	48 5 48.7	666	36	
1107	10	15 10.14	57 34 3.9	263	100	
1108	9	15 11.12	66 10 7.1	591	39	
1109	6	15 11.13	47 4 15.1	662	95	
	6	11.14	16.7	219	28	
	6	11.22	15.9	217	36	
	6	11.31	14.3	163	111	
1110	9½	15 11.62	57 28 5.8	263	101	
	9½	11.65	7.8	585	71	
1111	9	15 12.08	28 6 55.9	665	17	
	9	12.13	56.7	231	34	
	9	12.24	55.0	649	218	
1112	8½	15 12.33	33 0 7.8	274	68	
	8	12.34	8.7	660	128	
	8½	12.39	7.3	587	100	
1113	10	15 12.44	48 57 55.5	666	38	
1114	9½	15 12.47	53 15 33.5	564	163	
1115	6	15 12.59	64 2 56.5	600	36	
1116	9½	15 13.24	51 11 56.2	597	22	
1117	9	15 13.62	63 51 26.7	600	37	
1118	9	15 13.87	30 29 31.8	651	167	
1119	8½	15 14.30	66 19 39.5	591	38	
1120	10	15 14.80	38 15 32.7	606	92	
1121	8½	15 15.38	52 59 32.2	571	179	
1122	9	15 15.60	49 1 44.6	666	37	
1123	9½	15 16.49	53 5 28.1	571	180	
1124	9	15 17.19	68 48 12.3	573	79	
1125	9	15 17.89	41 25 36.1	278	34	
1126	9	15 18.18	44 11 34.2	279	73	
1127	9½	15 18.99	44 14 27.1	279	74	
1128	9	15 19.68	44 18 49.4	279	72	
1129	9	15 19.68	56 25 20.5	581	71	
1130	8	15 20.87	56 52 42.5	581	69	
	8	20.87	45.7	585	72	
1131	7½	15 20.94	51 58 26.0	256	181	
	8	20.99	23.9	562	190	
1132	8½	15 21.20	51 33 58.3	569	203	
1133	9	15 25.19	61 34 1.7	210	155	
1134	9	15 25.33	46 58 36.7	662	96	
1135	9½	15 27.01	39 45 28.1	619	143	
1136	7½	15 30.48	42 14 36.7	278	35	
1137	7	15 31.01	24 44 37.4	664	43	
1138	8½	15 32.35	73 16 15.7	202	39	
1139	8½	15 33.16	55 59 12.8	237	42	
1140	7½	15 33.89	50 49 20.2	569	205	
	7½	34.00	18.8	597	21	
	7	34.11	16.6	594	35	
1141	9½	15 34.49	38 15 0.4	606	91	
1142	8½	15 35.28	25 37 58.6	228	40	
1143	6½	15 35.96	23 4 59.5	226	44	
1144	9½	15 37.79	28 31 48.4	649	219	
1145	10	15 40.63	52 3 0.7	256	182	
1146	9½	15 41.42	54 19 18.0	658	104	
1147	9	15 41.49	51 49 49.1	562	191	
1148	7	15 41.56	46 56 14.1	219	29	
	7	41.60	12.2	662	97	
	7	41.68	11.3	217	37	
	7	41.75	11.7	163	112	
1149	8	15 41.64	66 43 5.1	591	43	
1150	9	15 43.86	46 24 40.9	217	35	
1151	8½	15 45.35	36 30 11.7	275	82	
1152	9	15 45.70	32 29 58.6	252	220	
1153	9	15 46.15	24 51 52.5	664	44	
	9	46.21	51.4	228	38	
1154	8½	10 15 46.62	59 15 24.9	269	116	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1155	8½	10 15 47.83	51 2 32.2	560	207	
	8½	47.90	34.2	597	23	
1156	9	15 47.89	57 1 46.9	585	74	
1157	9½	15 48.77	29 37 15.3	213	17	
1158	8½	15 48.84	42 37 23.5	278	37	
1159	7½	15 49.14	59 1 37.8	579	111	
1160	8	15 49.45	29 18 31.7	649	220	
	8	49.54	35.0	213	18	
1161	8	15 49.53	27 38 53.2	665	18	
	8	49.55	57.1	231	35	
1162	7	15 51.29	64 30 33.1	600	38	
1163	9½	15 51.29	34 43 47.7	587	101	
	9½	51.67	50.5	274	69	
1164	9½	15 51.33	37 45 0.5	606	93	
1165	8½	15 52.07	58 55 10.5	579	110	
1166	8	15 52.93	53 2 9.0	571	181	
	8	53.03	8.0	256	183	
	7½	53.08	9.6	259	220	
1167	9	15 53.02	36 43 22.2	275	83	
1168	8½	15 54.39	39 49 54.7	619	144	
1169	9½	15 54.70	70 9 12.5	577	38	
1170	9½	15 54.91	52 16 20.0	562	192	
1171	10	15 56.23	53 14 53.7	564	164	
1172	9½	15 56.76	49 39 51.0	666	39	
1173	8	15 58.79	23 48 23.9	226	45	
1174	8½	15 59.47	54 41 33.3	234	45	
1175	9	16 0.10	61 0 51.9	210	154	
1176	9	16 0.34	66 45 42.2	591	42	
1177	9	16 1.16	42 41 14.2	278	38	
1178	9½	16 1.17	67 25 23.3	573	82	
	9½	1.26	25.4	573	86	
1179	8	16 2.56	43 54 35.5	279	75	
1180	8	16 2.75	59 49 30.7	269	115	red
	8	2.89	31.7	272	94	
1181	8½	16 3.11	56 32 26.1	581	70	
1182	10	16 3.41	74 9 22.1	202	41	
1183	8	16 3.78	57 8 12.3	585	75	
	8	3.89	11.7	585	76	
1184	9½	16 4.45	24 57 46.9	228	39	
	9½	4.57	47.0	664	45	
1185	8	16 7.10	50 48 19.4	569	206	
	8	7.23	18.9	594	36	
1186	9½	16 7.86	24 22 29.4	664	46	
1187	9½	16 8.06	38 2 5.4	606	94	
1188	9	16 8.18	30 8 29.1	649	221	
1189	7½	16 9.00	59 0 24.9	579	112	
1190	9½	16 10.13	59 35 55.2	269	114	
1191	8	16 10.48	55 52 2.5	237	43	
1192	9½	16 13.16	37 35 47.2	606	96	
1193	9½	16 14.35	57 7 57.2	585	77	
1194	8½	16 15.13	30 3 26.0	649	222	
1195	9½	16 15.22	55 25 26.4	237	45	
1196	5	16 15.82	55 24 50.2	237	44	
1197	9½	16 15.87	50 46 37.6	594	37	
1198	8½	16 16.94	51 7 8.9	569	209	
	8½	16.97	12.1	597	25	
1199	8½	16 17.99	67 34 29.3	573	87	
1200	9½	16 18.40	75 10 46.1	202	42	
	9	18.46	47.6	173	68	
1201	8	16 19.38	51 5 5.3	569	208	
	8	19.39	5.8	597	24	
1202	9½	16 20.40	67 16 37.5	573	84	
1203	8½	16 20.60	62 42 28.7	205	42	
	8	20.99	25.6	208	56	
1204	9	16 24.39	52 17 40.4	562	193	
1205	8½	16 25.22	51 6 43.1	569	211	
	8	25.33	44.2	597	27	
1206	9	10 16 26.58	58 46 58.0	579	113	
1207	8	10 16 27.67	66 32 21.9	591	41	
1208	9	16 30.77	51 6 24.5	597	26	
1209	9½	16 31.13	51 12 3.6	597	29	
1210	9	16 31.57	30 53 11.9	651	168	
1211	9	16 31.61	53 25 58.4	259	221	dpl. n. pr
	9	31.69	58.6	256	184	
	9	31.85	59.6	564	165	
1212	8	16 32.20	48 46 15.1	666	42	
	8½	32.29	15.1	219	30	
1213	9	16 32.30	43 53 23.9	279	76	
1214	9	16 32.34	43 52 30.3	279	77	
1215	8½	16 34.28	65 26 4.9	591	40	
1216	9½	16 34.63	55 3 8.4	234	46	
1217	9	16 34.79	50 36 43.9	594	39	
1218	9½	16 35.15	37 32 56.3	606	95	
1219	9	16 36.26	51 7 29.1	569	210	
	9½	36.34	30.4	597	28	
	9	36.41	30.2	569	213	
1220	8	16 37.70	28 55 40.3	231	37	
	8	37.75	38.9	213	19	
1221	9	16 38.00	51 3 40.7	569	212	
1222	9½	16 38.06	28 13 5.7	231	36	
1223	9	16 38.37	31 47 6.6	651	169	
	9	38.42	8.7	223	14	
1224	8½	16 38.96	60 17 52.8	272	95	
1225	8	16 39.32	57 51 13.3	263	102	
1226	9	16 39.62	53 4 19.9	571	182	
1227	9½	16 39.68	54 24 55.0	658	105	
1228	8½	16 40.68	39 19 31.9	619	145	
1229	8½	16 41.68	51 23 59.2	597	30	
1230	9	16 41.84	24 19 14.2	664	47	
1231	9	16 41.94	56 26 20.7	581	72	
	9½	41.94	22.1	581	73	
1232	8½	16 41.96	50 28 14.9	594	38	
1233	9	16 43.09	55 10 30.8	234	47	
1234	8½	16 44.38	49 9 39.4	666	40	
	8½	44.48	42.4	219	34	
1235	9½	16 44.40	31 43 31.0	651	171	
1236	9½	16 44.81	33 16 46.3	587	102	
1237	9½	16 45.98	62 41 36.0	205	44	
	9½	46.38	37.9	208	57	
1238	9½	16 48.11	61 21 5.6	210	156	
1239	9	16 48.33	23 12 4.3	226	47	
1240	9	16 48.53	23 8 40.8	226	48	
1241	9	16 50.67	62 49 18.1	205	43	
	8½	50.89	14.5	208	58	
1242	9½	16 50.99	30 1 3.8	649	224	n. pr.
	9½	51.17	2.9	213	21	
1243	8	16 51.56	30 1 37.2	213	20	s. sq.
	8	51.66	34.5	649	223	
1244	8½	16 51.59	41 43 13.5	278	41	
1245	9	16 51.82	25 54 38.6	228	41	
	9	52.01	42.0	664	49	
1246	9	16 54.09	70 55 36.5	577	39	
1247	9	16 56.35	31 44 41.2	651	170	
	9½	56.44	42.6	223	15	
1248	8½	16 58.27	45 56 13.8	217	38	
	9	58.31	14.2	217	40	
1249	6	16 58.28	41 1 18.7	619	146	
1250	9	16 59.37	42 35 2.4	278	39	
1251	9	16 59.58	62 24 7.0	208	59	
1252	8½	17 0.30	44 41 59.9	279	80	
1253	8½	17 1.33	26 2 33.5	228	42	
	8	1.46	35.1	664	50	
1254	9½	17 2.22	52 57 8.4	571	183	
1255	9½	17 2.61	54 8 43.0	658	106	
1256	8½	10 17 3.38	49 8 21.2	666	41	
	8	3.43	23.7	219	33	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1257	9½	10 17 3.91	57 18 6.5	585	79	
1258	8	17 3.93	48 54 1.3	666	44	
	8	4.19	1.0	219	31	
1259	9½	17 4.16	58 6 40.3	263	103	
1260	9½	17 4.94	27 1 25.4	665	19	
1261	9	17 5.16	27 22 59.6	665	20	
	8½	5.25	60.5	665	21	
1262	9	17 6.19	60 26 37.4	272	96	
1263	7½	17 6.34	48 39 47.0	219	32	
	7½	6.41	47.8	666	43	
1264	7	17 6.54	23 42 5.7	226	46	
1265	9½	17 8.68	54 7 52.7	658	107	
1266	9½	17 9.22	37 6 41.3	275	84	} dpl.
1267	9½	17 9.62	37 7 8.8	275	85	
1268	9½	17 10.82	59 40 59.1	272	97	
1269	9	17 10.82	32 59 7.6	660	129	
	9½	10.85	7.7	274	70	
	9	11.01	8.3	587	103	
1270	9½	17 11.17	53 50 43.4	259	222	
	9	11.24	46.1	658	109	
	9	11.26	48.2	564	166	
1271	9	17 12.47	66 46 48.5	591	46	
1272	8½	17 12.68	42 55 0.4	279	78	
1273	9	17 14.88	66 53 47.6	591	44	} dpl.
1274	9	17 15.54	66 53 26.0	591	45	
1275	8	17 15.72	67 26 9.1	573	85	
1276	7	17 15.85	47 20 26.5	662	98	
1277	9	17 17.72	42 8 50.2	278	40	
1278	9	17 18.34	35 47 42.0	275	86	
1279	8½	17 19.76	53 8 9.1	256	186	
	8½	19.78	8.4	571	184	
1280	9½	17 20.39	40 46 37.5	619	147	
1281	9	17 21.64	25 3 17.8	664	48	
1282	9	17 24.53	33 30 30.7	660	130	
1283	7½	17 25.51	64 33 55.0	600	39	
1284	8	17 26.08	67 40 34.8	573	88	
1285	8	17 26.93	53 57 21.3	564	167	
	8	27.00	19.5	259	223	
	8	27.02	20.4	658	108	
1286	8½	17 27.77	31 55 33.2	651	172	
	8	27.78	31.3	660	131	
	9	27.83	33.0	223	16	
	8	27.84	30.8	673	1	
1287	6½	17 29.41	29 31 47.4	649	225	
	7	29.48	50.7	670	1	
	6½	29.50	51.6	213	22	
1288	9½	17 30.05	48 20 59.0	662	99	
1289	9	17 32.06	50 51 32.2	594	40	
1290	8½	17 33.62	53 8 4.9	571	185	
	8	33.71	4.6	256	185	
1291	9½	17 34.01	46 9 33.0	217	41	
1292	9	17 34.11	44 50 21.1	279	82	
1293	8	17 34.30	58 8 58.6	579	114	
1294	9½	17 34.58	25 24 15.3	664	52	
1295	8½	17 34.98	54 25 16.9	234	48	
1296	9½	17 35.38	50 47 47.2	594	41	
1297	9	17 37.34	59 49 35.2	272	98	
1298	8½	17 39.06	70 31 31.2	176	32	dpl. s. pr.
	8½	39.13	31.8	577	41	
1299	7½	17 39.85	71 30 3.1	202	43	
1300	7	17 40.15	57 38 6.4	263	104	
1301	7½	17 40.21	25 25 34.5	228	43	
	7½	40.29	33.4	664	51	
1302	9	17 40.65	45 51 23.3	217	39	
1303	8	17 41.38	70 31 7.4	577	42	n. sq.
	8	41.93	4.2	176	31	
1304	8½	17 43.31	61 24 20.4	210	157	
	8½	43.45	21.5	210	161	
1305	9	10 17 44.21	56 44 1.9	581	74	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1306	10	10 17 44.59	61 10 39.2	210	159	
1307	10	17 44.81	40 3 16.9	619	149	
1308	8	17 45.23	50 58 57.5	597	31	
	8½	45.31	54.9	569	214	
1309	9	17 46.25	33 3 13.3	660	132	
	9	46.37	11.3	587	104	
	9½	46.39	14.0	274	72	
1310	9½	17 46.51	43 40 26.5	279	79	
1311	9½	17 46.91	45 4 48.9	279	81	
1312	8½	17 47.07	42 28 17.3	278	42	
1313	9	17 47.08	28 49 14.1	231	38	
1314	9½	17 47.26	74 58 10.4	173	69	
1315	9	17 48.12	29 28 20.8	670	2	
	8½	48.18	18.8	649	226	
	8½	48.32	23.0	213	24	
1316	9	17 48.67	35 40 52.0	275	88	
1317	8	17 49.25	28 30 22.4	649	228	
1318	9	17 51.67	42 32 31.2	278	43	
1319	8	17 52.70	40 3 48.5	619	148	
1320	8	17 52.80	30 17 39.6	651	173	
	8	52.89	39.9	673	2	
1321	7½	17 53.58	61 13 4.7	210	158	
1322	8½	17 53.66	35 45 8.0	275	87	
1323	9	17 56.25	33 5 15.8	274	71	
	9	56.28	16.2	660	133	
	9	56.38	15.3	587	105	
1324	8½	17 56.55	59 7 26.6	269	117	
	8	56.64	26.2	579	115	
	9½	57.17	30.2	234	49	
	9	57.17	26.9	237	46	
1325	9	17 57.45	51 49 23.4	569	215	
	9	57.49	25.2	597	32	
	9	57.51	22.7	562	194	
1326	8½	17 58.52	70 31 55.3	577	40	
	8½	58.79	55.6	176	33	
1327	5½	18 0.93	37 22 33.5	606	97	
1328	9	18 2.71	57 2 24.7	585	78	
1329	10	18 2.88	61 12 42.5	210	160	
1330	9	18 3.64	33 38 16.4	587	106	
	8½	3.76	18.1	660	134	
	9	3.84	16.3	274	73	
1331	9½	18 4.49	62 58 17.3	205	45	
1332	8	18 5.24	29 39 2.6	670	3	
	8	5.34	1.2	649	227	
	8	5.52	3.1	213	23	
1333	9½	18 5.58	53 57 24.0	564	168	
	9½	5.82	24.8	259	225	
1334	9½	18 6.89	25 24 24.2	664	53	
1335	8	18 6.93	49 53 48.3	594	42	
1336	8½	18 8.21	30 55 26.0	651	174	
	8½	8.27	28.2	673	3	
	9	8.34	29.9	223	17	
1337	7	18 10.84	29 1 0.2	231	39	
	7	11.02	2.1	213	25	
1338	9½	18 10.90	52 58 4.2	571	186	
1339	9	18 11.04	57 52 0.1	263	105	
1340	9	18 11.65	68 44 50.6	176	35	
1341	9	18 12.46	42 38 24.2	278	44	
1342	8½	18 13.03	68 41 18.5	176	34	
	8½	13.32	19.3	573	90	
1343	8½	18 13.94	57 53 46.9	263	106	
1344	9	18 14.95	46 3 20.2	217	42	
1345	9½	18 19.15	64 55 42.6	600	41	
1346	9	18 19.63	30 53 48.6	651	175	
	9	19.64	49.4	673	4	
	9½	19.79	50.3	223	18	
1347	9	18 19.83	37 52 27.4	606	99	
1348	7	18 20.37	41 19 17.2	278	45	
1349	9	10 18 21.40	48 18 49.0	662	100	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1350	8	10 18 21.45	68 42 10.5	573	91	
	8	21.54	8.8	176	37	
1351	9	18 21.76	54 49 46.6	234	51	
1352	8½	18 22.09	65 3 33.4	600	40	dpl. II. n. pr.
1353	7½	18 24.33	23 58 35.8	226	51	
1354	8	18 24.35	61 26 27.9	210	162	
1355	8	18 24.58	48 58 59.6	219	36	
	8	24.61	59.5	666	46	
1356	9½	18 24.94	68 44 10.8	176	36	
1357	9	18 25.13	26 47 37.7	665	22	
1358	9	18 25.57	53 44 48.3	658	110	
	9	25.64	48.6	259	224	
	9	25.85	48.1	564	169	
1359	8½	18 25.86	49 43 5.8	594	43	
	8	26.12	6.1	219	35	
1360	9½	18 26.02	33 29 37.4	587	109	
1361	9½	18 26.04	48 9 19.5	662	101	
1362	9	18 26.63	51 51 1.3	569	216	
	9	26.88	1.5	562	195	
1363	9	18 28.08	58 59 33.7	269	118	
	8½	28.10	32.2	579	116	
1364	9½	18 30.00	33 29 1.2	587	108	
1365	9	18 30.32	56 10 34.9	581	75	
1366	9½	18 31.76	56 8 7.8	581	76	
1367	9	18 32.45	55 9 36.4	237	47	
	9½	32.51	39.5	234	50	
1368	9	18 34.63	57 21 56.2	585	80	
	9	34.68	54.0	263	107	
1369	8½	18 35.37	48 50 1.2	666	45	
	8½	35.46	2.3	666	48	
	8½	35.55	2.3	219	38	
1370	7½	18 35.36	24 55 59.1	228	44	
	7½	35.48	60.5	664	54	
	7½	35.52	59.0	226	49	
1371	8½	18 36.91	60 2 15.8	272	99	
1372	9½	18 39.27	55 57 9.8	237	48	
1373	10	18 41.00	40 28 28.9	619	152	
1374	9½	18 42.49	37 41 22.7	606	98	
1375	9½	18 42.54	29 57 54.2	670	4	
	9½	42.58	55.4	651	176	
1376	8½	18 43.17	35 0 51.7	275	89	
	8½	43.20	52.8	274	75	
	8½	43.23	50.9	587	107	
1377	8	18 43.20	48 54 26.6	219	37	
	8½	43.32	27.3	666	47	
1378	9½	18 44.66	62 23 37.5	208	60	
1379	10	18 44.98	55 54 11.2	237	49	
1380	9	18 45.48	49 23 55.8	594	44	
1381	9½	18 47.28	26 59 25.1	231	41	
1382	8	18 47.34	60 38 0.5	272	100	
1383	9	18 49.26	59 31 25.4	269	120	
1384	9	18 49.26	48 59 39.9	219	39	
	9	49.38	40.1	666	49	
1385	9½	18 49.54	53 16 54.8	571	187	
1386	9½	18 50.73	62 46 10.2	208	62	
	9½	50.76	11.3	205	46	
	9½	50.78	10.9	205	47	
1387	9	18 52.37	26 16 59.0	665	24	
1388	8½	18 52.64	44 52 42.2	279	83	
1389	9	18 52.73	58 54 8.6	269	119	
	9	53.02	7.0	579	117	
1390	8	18 54.86	43 24 18.0	279	86	
1391	8½	18 55.58	24 46 59.8	664	56	
1392	9½	18 55.95	71 38 1.9	202	44	
1393	8	18 56.01	37 56 48.7	606	100	
1394	9	18 56.09	26 38 35.6	228	45	
	8½	56.21	36.0	665	23	
1395	8½	18 56.23	58 21 56.1	579	119	
1396	9	10 18 57.58	46 10 34.2	217	43	
1397	8	10 18 57.65	24 20 17.5	664	55	
	8	57.76	16.2	226	50	
1398	10	18 59.23	62 20 58.4	208	61	
1399	9½	18 59.74	54 42 46.3	234	52	
1400	9	19 0.60	40 59 2.7	619	150	
1401	8	19 0.97	32 51 22.0	223	19	
	8	0.99	23.0	660	135	
1402	9½	19 2.41	30 12 50.6	651	177	
1403	9	19 4.74	34 59 29.3	275	90	
	9½	4.74	30.7	274	74	
	9	4.80	28.2	587	110	
1404	8½	19 6.81	76 20 17.2	173	71	
1405	9	19 6.81	50 23 1.0	594	45	
1406	9	19 7.27	69 0 32.5	577	43	
	9	7.42	33.5	573	89	
1407	8½	19 7.54	61 5 1.3	210	165	
1408	9	19 9.30	57 0 36.0	585	82	
1409	9	19 10.15	40 30 28.3	619	151	
1410	9	19 10.57	56 11 44.6	581	77	
1411	8	19 11.47	26 59 17.5	231	40	
1412	9	19 11.73	29 19 3.8	213	26	
1413	9	19 11.77	29 18 59.8	649	229	
	9	11.92	63.2	670	5	
1414	9½	19 12.68	51 25 42.5	597	33	
1415	7	19 14.69	58 34 26.2	579	118	
1416	9	19 15.09	44 49 1.4	279	84	
1417	9½	19 15.33	62 51 58.4	208	63	
1418	5	19 15.79	66 16 8.3	591	47	
1419	8½	19 16.45	52 3 22.4	569	220	
	8½	16.50	21.2	569	217	
	9	16.59	24.4	597	35	
	9	16.72	21.1	562	199	
	9	16.72	23.6	562	196	
	9	16.73	22.4	256	187	
1420	7	19 16.75	57 19 11.9	263	108	
	7	16.76	12.9	585	81	
1421	9½	19 19.80	27 33 25.2	231	42	
1422	8½	19 20.71	56 49 54.1	585	83	
	8½	20.86	52.3	581	78	
1423	8	19 20.79	41 13 14.6	278	46	
	9	20.88	14.0	619	153	
1424	9	19 22.20	56 26 54.6	581	79	
1425	8½	19 22.55	22 54 15.9	226	52	
1426	9	19 22.71	52 10 22.5	562	197	
	9	22.72	23.6	569	218	
1427	9½	19 22.87	47 42 14.7	662	102	
1428	10	19 23.18	62 48 46.6	208	64	
1429	8½	19 23.50	58 17 13.6	579	121	
1430	8	19 24.56	60 56 8.9	210	166	
1431	8	19 25.50	53 5 38.4	256	188	
	8	25.52	40.8	571	188	
1432	7	19 26.99	37 40 8.3	606	101	
1433	9½	19 27.25	66 6 7.1	591	49	
1434	8½	19 27.45	58 52 48.7	269	122	
1435	9½	19 27.98	53 22 42.3	564	170	
1436	9	19 29.08	30 58 27.8	651	178	
1437	9½	19 29.27	46 40 55.3	217	44	
1438	9½	19 29.77	44 38 55.0	279	85	
1439	8½	19 30.00	54 4 7.9	259	227	
	8½	30.04	7.2	658	111	
1440	8½	19 31.07	59 42 0.8	269	121	
	8½	31.17	0.1	272	101	
1441	9	19 31.62	27 28 33.4	231	43	
1442	9	19 31.62	25 57 50.1	228	46	
	8½	31.68	48.8	665	25	
	8½	31.75	48.1	664	57	
1443	9½	19 32.45	51 23 52.4	597	34	
1444	9	19 33.37	61 22 6.7	210	163	
1445	9½	10 19 34.75	49 52 50.7	594	46	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1446	7	10 19 38.15	28 33 33.6	649	230	
	7	38.21	34.2	670	6	
1447	9½	19 38.37	54 37 30.7	259	228	
	9½	38.47	30.7	658	112	
	9½	38.47	29.8	259	226	
	9½	38.51	31.0	234	53	
1448	9	19 42.28	44 26 12.1	279	87	
1449	9½	19 44.35	55 37 44.8	237	51	
1450	9	19 45.24	61 18 20.5	210	164	
1451	8	19 45.45	53 22 48.5	256	189	
	8	45.54	47.8	259	229	
	8½	45.54	49.0	564	171	
1452	9	19 46.12	49 47 37.4	594	47	
1453	9½	19 46.94	31 31 35.4	651	179	
1454	9½	19 47.42	34 6 32.3	587	111	
1455	9½	19 47.60	31 30 56.4	651	180	
1456	9	19 48.85	41 15 43.7	278	47	
1457	9½	19 50.35	48 17 42.4	662	103	
1458	9½	19 50.58	74 23 56.0	202	45	
1459	7½	19 50.69	53 41 17.6	564	172	
	7½	50.91	17.0	259	230	
1460	9½	19 50.72	36 3 4.7	275	92	
1461	9	19 51.07	67 46 31.0	176	39	
	9	51.37	30.0	573	93	
1462	9	19 52.22	66 0 44.4	591	48	
1463	9½	19 52.72	49 29 37.8	219	41	dpl. III. s. pr.
1464	10	19 52.72	33 9 51.2	660	137	
	10	52.83	50.8	223	21	
	10	52.91	49.3	587	113	
1465	9½	19 53.07	30 2 26.4	670	7	
	9½	53.22	25.0	213	27	
1466	9	19 53.14	49 17 8.7	666	53	
	9	53.20	8.1	666	50	
1467	9	19 53.36	38 2 24.0	606	104	
1468	6½	19 55.53	41 49 57.3	278	48	
1469	9	19 57.24	41 36 46.0	278	49	
1470	8½	19 57.72	67 38 40.3	573	92	
	8	57.75	42.2	176	38	
1471	8½	19 57.86	58 11 56.1	579	120	
1472	9	19 58.19	49 46 26.3	594	48	
1473	8½	19 58.40	51 55 1.1	569	219	
	8½	58.42	5.9	256	191	
	8½	58.42	4.4	597	36	
	8½	58.57	1.3	562	198	
1474	9	19 58.62	37 5 2.5	275	91	
	9½	58.64	5.3	606	102	
1475	9	19 59.56	38 2 19.1	606	103	
1476	8	20 0.60	59 33 26.6	269	125	
1477	9	20 1.26	33 7 44.4	274	76	
	9	1.33	40.8	660	136	
	8½	1.34	43.9	587	112	
	9	1.49	43.4	223	20	
1478	7	20 3.30	49 28 15.8	666	52	
	7	3.32	17.2	219	40	
1479	8½	20 4.17	57 39 5.6	263	110	
1480	8	20 5.11	60 55 4.4	210	167	
1481	9½	20 5.27	66 1 17.5	591	50	
1482	9	20 7.13	49 13 47.0	666	51	
1483	10	20 8.26	56 3 7.9	237	50	
1484	9	20 8.58	64 10 51.8	600	43	
	9	8.62	53.5	600	42	
1485	9½	20 13.56	75 8 39.0	173	70	
1486	9½	20 13.76	44 39 47.6	279	89	
1487	9½	20 14.28	50 46 35.4	594	49	
1488	8½	20 14.34	44 32 46.8	279	88	
1489	9	20 14.67	26 21 8.9	665	27	
1490	9½	20 16.32	30 3 20.9	651	182	p
1491	9½	20 17.04	59 12 34.8	269	123	
1492	9	10 20 17.39	24 49 47.0	664	59	
1493	8½	10 20 18.83	25 3 48.2	664	58	
	8½	18.92	48.4	228	47	
	8½	18.94	48.8	226	53	
1494	9½	20 20.35	70 30 6.2	577	44	
1495	8	20 21.48	51 55 49.6	597	37	
	8	21.60	49.6	562	200	
	8	21.64	52.5	256	190	
	8	21.67	50.2	569	221	
1496	9½	20 22.01	40 22 27.9	619	154	
1497	8½	20 22.45	56 27 5.5	581	80	
1498	9½	20 23.54	59 9 29.8	269	124	
1499	9½	20 25.77	26 1 19.0	665	26	
1500	9	20 26.52	64 35 41.7	600	44	
1501	8½	20 28.14	29 29 18.7	649	231	
	8½	28.28	20.5	213	29	
	8½	28.31	20.7	670	9	
1502	9	20 28.65	56 42 19.8	585	84	
1503	8	20 28.99	70 5 45.8	577	46	
1504	8½	20 31.16	56 25 44.3	581	81	
1505	9	20 31.24	29 13 37.0	649	232	
	8½	31.48	41.7	670	11	
1506	9½	20 33.80	52 2 7.9	562	201	
1507	9½	20 34.52	57 33 59.4	263	109	
	9½	34.72	61.4	585	86	
1508	9	20 34.93	24 42 48.8	664	60	
1509	8½	20 36.05	61 14 1.2	210	169	
1510	9	20 37.19	56 15 5.2	581	82	
1511	9	20 37.28	29 59 41.9	651	181	
	9	37.29	42.5	670	8	
	9	37.33	44.0	213	28	
	9	37.34	43.1	673	5	
1512	10	20 37.83	51 32 13.8	597	38	
	9½	37.86	10.9	569	222	
1513	9	20 38.68	57 34 23.7	585	85	
	9	38.83	21.7	263	111	
1514	8	20 40.01	67 29 45.6	573	94	
	8	40.17	45.2	176	40	
1515	8½	20 40.13	29 22 34.2	649	233	
	8½	40.26	37.0	670	10	
	8	40.33	36.4	213	31	
1516	7	20 44.71	58 14 14.3	579	122	
1517	9½	20 47.29	57 31 33.4	263	112	
1518	9	20 48.30	47 57 56.9	662	104	
1519	10	20 48.85	26 30 45.8	228	48	
1520	6½	20 49.31	42 6 6.4	278	50	
1521	8½	20 49.48	71 4 55.4	577	47	
	9	49.80	53.5	202	49	
1522	8½	20 51.75	42 14 43.9	278	51	
1523	8½	20 52.20	58 15 20.9	597	123	
1524	9½	20 52.31	44 55 11.2	217	45	
1525	8½	20 54.59	31 37 23.5	673	6	
1526	7½	20 55.87	69 17 1.0	577	45	
1527	8	20 55.89	44 53 45.7	217	46	
	7½	55.97	45.1	279	93	
1528	8	20 56.38	44 55 47.4	217	47	
	7½	56.42	47.0	279	94	
1529	7	20 57.14	38 43 33.6	606	105	
1530	8½	20 57.30	34 3 55.0	660	139	
	8½	57.34	53.3	587	114	
1531	9	20 57.36	61 0 25.5	210	168	
1532	9½	20 58.07	59 43 47.2	272	103	
1533	9	20 58.78	33 56 21.4	587	115	
	9	58.84	19.9	660	138	
1534	7½	20 59.38	54 21 18.2	658	113	
	7½	59.41	18.0	259	231	
	7½	59.56	19.4	234	54	
1535	9	10 21 0.93	33 2 47.5	274	77	
	8½	1.14	51.4	660	141	
	8½	1.15	49.5	223	22	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1536	9	10 21 3.17	38 45 6.5	606	106	
1537	8	21 5.13	42 46 3.7	278	52	
1538	9	21 5.70	44 29 55.0	279	90	
1539	8½	21 5.76	29 26 8.6	649	234	
	8½	5.78	12.4	213	30	
	8½	5.90	13.7	213	32	
	8½	6.01	13.7	670	12	
1540	9	21 6.29	31 20 56.0	651	183	
	9	6.62	58.5	223	23	
1541	9½	21 6.95	76 25 51.8	173	72	
1542	9½	21 7.73	49 27 57.1	666	57	
	9½	7.82	55.7	666	54	
	9½	7.87	56.1	594	50	
	9½	7.88	56.0	219	42	
1543	8½	21 8.27	66 51 41.0	591	51	
1544	9	21 9.16	55 59 7.0	237	53	
	9	9.39	7.8	581	83	
1545	9½	21 10.93	59 43 18.5	272	102	
1546	9	21 11.74	47 26 59.0	662	105	
1547	9½	21 16.43	40 32 25.3	619	155	
1548	9	21 16.93	33 23 29.4	660	140	
	9	17.08	29.2	587	116	
1549	9	21 18.67	44 32 34.3	279	91	
1550	9	21 22.02	54 49 30.9	234	55	
1551	9	21 22.25	63 28 51.0	600	45	
	9	22.30	50.5	205	48	
1552	8½	21 22.39	60 11 47.6	272	106	
1553	9½	21 23.48	57 11 29.3	585	87	
1554	9½	21 23.64	70 54 48.8	577	49	
1555	7½	21 23.95	53 15 20.2	256	192	
	7½	23.98	19.3	564	174	
	7½	24.08	21.5	571	190	
1556	8½	21 25.46	23 8 47.0	226	54	
1557	4½	21 26.04	30 25 53.0	673	7	
	4	26.09	53.6	651	184	
1558	9	21 26.44	53 53 8.3	564	173	
	9	26.47	6.9	658	114	
	9	26.55	8.4	658	116	
1559	10	21 28.09	56 4 11.5	237	54	
1560	8	21 30.89	49 14 54.7	666	55	
1561	9½	21 31.48	28 20 45.7	231	45	
1562	7	21 33.32	47 1 16.9	662	106	
	7	33.34	18.9	219	43	
	7	33.60	18.0	217	48	
1563	7½	21 33.34	70 58 36.7	577	48	
	8	33.74	37.5	202	50	
1564	9½	21 33.59	55 7 4.7	234	58	
	9	33.65	2.7	237	52	
1565	9	21 33.83	54 50 26.1	234	56	} dpl.
1566	9½	21 35.25	54 50 28.4	234	57	
1567	9	21 35.75	26 35 58.9	665	28	
1568	8½	21 36.53	52 48 2.1	571	189	
1569	8	21 37.00	36 34 35.3	275	93	
1570	9½	21 37.81	59 44 32.6	269	129	
	9½	38.08	30.4	272	104	
1571	9	21 38.88	28 13 2.8	231	44	
	9	39.02	3.9	670	13	
1572	9	21 38.91	40 31 2.7	619	156	
1573	9	21 40.67	80 6 3.5	173	73	
1574	8½	21 42.18	56 40 52.8	581	84	
	8½	42.25	53.9	585	88	
1575	9½	21 43.47	62 31 25.1	208	65	
1576	9	21 44.08	57 41 28.8	263	113	
1577	9	21 45.32	44 22 33.9	279	92	
1578	7	21 46.72	41 24 57.9	278	53	
1579	9½	21 47.18	58 52 49.7	269	126	
	9½	47.29	50.1	579	124	
1580	8½	10 21 47.19	50 46 19.5	569	223	
	8½	47.30	20.5	597	39	
	8½	47.36	19.3	594	52	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1581	9	10 21 47.37	35 36 33.7	275	95	
1582	9½	21 49.50	29 9 27.8	213	33	
1583	9	21 49.90	67 28 3.6	176	41	
	9	49.94	2.4	573	95	
1584	4½	21 54.12	73 23 43.0	202	46	
	4½	54.45	43.3	202	48	
1585	8	21 54.59	62 13 24.1	210	170	
1586	9½	21 54.75	57 42 52.1	263	114	
1587	9½	21 55.27	24 2 34.9	664	61	
1588	9½	21 56.48	58 49 14.7	269	127	
1589	9	21 56.77	23 14 5.6	226	55	
1590	9½	21 57.70	51 59 22.6	256	193	
	9½	57.95	21.7	562	202	
1591	9	21 57.93	53 2 10.4	256	194	
	9	58.12	10.7	571	191	
1592	10	21 59.08	45 5 16.8	217	50	
1593	9	21 59.95	60 8 57.2	272	107	
1594	6	22 0.15	54 14 26.6	658	115	
	6	0.20	25.9	259	232	red
1595	9½	22 1.34	59 47 41.6	269	130	
	9	1.52	41.2	272	105	
1596	9	22 2.27	59 18 19.3	269	128	
1597	9½	22 2.47	62 37 31.9	208	67	
1598	9	22 2.52	49 22 54.8	666	56	
1599	7½	22 2.71	49 38 13.9	666	58	
	8	2.72	15.2	594	51	
1600	7½	22 2.97	62 39 46.1	205	49	
	7½	3.02	43.9	208	66	
1601	10	22 7.04	58 57 42.9	579	126	
1602	9½	22 8.75	69 13 51.8	577	50	
1603	8½	22 8.94	47 1 32.0	662	107	
	8½	8.98	34.7	217	49	
	8	9.01	34.9	219	44	
1604	9½	22 9.55	57 39 54.0	263	115	
1605	8½	22 9.96	50 53 58.9	569	224	
	8½	10.15	59.7	594	54	
	8½	10.22	60.4	597	40	
1606	9½	22 10.30	67 49 38.4	573	97	
1607	8	22 10.32	33 45 38.3	274	78	
	8	10.44	37.7	587	118	
	8	10.50	39.8	660	143	
1608	6½	22 14.00	73 20 9.1	202	47	
1609	9½	22 15.35	60 11 11.4	272	108	
1610	8½	22 16.40	29 3 41.2	670	14	
	8½	16.49	40.8	649	235	
	9	16.54	43.7	213	34	
1611	7½	22 16.78	56 58 13.4	585	91	
1612	8	22 17.45	38 3 54.3	606	107	
1613	9½	22 18.18	38 2 44.3	606	108	
1614	9	22 18.51	66 58 52.5	591	52	
	9	18.72	53.0	195†	1	
1615	9	22 18.91	25 10 13.5	228	49	
	9	18.92	13.8	226	56	
	8½	18.98	13.2	664	62	
1616	9½	22 19.10	36 19 1.2	275	94	
1617	8½	22 19.18	33 25 52.2	274	79	
	8½	19.42	49.9	587	117	
	8½	19.43	50.1	660	142	
1618	9	22 19.33	66 58 53.5	176	42	
1619	9	22 20.64	57 2 20.3	585	89	
1620	9	22 21.16	59 1 57.3	579	125	
1621	8	22 21.37	67 42 17.5	176	45	
	8½	21.50	15.8	573	96	
1622	9	22 21.96	68 44 24.3	573	98	
1623	9	22 23.92	44 41 3.1	279	96	
1624	9	22 24.18	64 13 3.5	600	46	
1625	9	22 28.97	56 32 55.5	581	85	
1626	8	22 29.66	44 38 17.9	279	97	
1627	7½	22 29.68	44 27 38.4	279	98	
1628	9½	10 22 30.09	55 24 33.7	237	56	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1629	9	10 22 31.57	75 20 20.5	173	74	
1630	9½	22 31.96	60 1 40.7	272	109	
1631	9	22 34.46	28 52 10.4	670	15	
	9½	34.63	12.4	213	35	
1632	8	22 34.89	41 22 20.0	278	54	
	8	35.04	20.6	278	56	
1633	9	22 35.34	52 29 25.8	562	203	
1634	8	22 37.18	53 2 29.7	571	192	
	8½	37.28	28.9	256	195	
1635	9½	22 37.91	54 17 51.7	259	233	
1636	7½	22 39.07	35 34 52.0	275	96	
1637	8½	22 39.34	50 57 11.9	569	225	
	8½	39.43	12.1	594	53	
	8½	39.59	12.2	597	41	
1638	9½	22 41.48	62 48 0.8	208	69	
1639	9	22 41.67	49 39 58.7	666	59	
1640	9½	22 43.27	66 52 33.1	591	54	
	9½	43.95	34.4	195†	3	
1641	9	22 43.92	23 45 23.4	226	57	
1642	9	22 44.15	65 8 24.6	600	47	
1643	9	22 44.27	33 39 12.1	587	119	
	9	44.28	13.3	660	144	
1644	9	22 44.44	24 41 29.3	664	64	
1645	5	22 45.32	57 0 4.3	585	90	
1646	9	22 45.32	25 57 40.2	664	63	
	9	45.32	39.6	665	29	
1647	8	22 45.42	53 15 58.5	564	175	
	8	45.43	58.7	256	196	
	8	45.57	59.0	571	193	
1648	7½	22 45.48	47 22 58.6	662	108	
	7½	45.73	60.3	219	46	
1649	9	22 46.36	61 21 55.3	210	172	
1650	9	22 46.92	58 32 42.4	597	127	
1651	9	22 48.66	47 20 28.0	662	109	
	9	48.91	29.7	219	45	
1652	9	22 48.91	56 32 39.4	581	86	
1653	8½	22 49.26	23 47 38.1	226	58	
1654	9	22 49.61	26 43 5.8	228	50	
	9	49.77	7.9	665	30	
1655	9½	22 50.61	27 58 54.1	665	31	
	9	50.68	53.4	670	16	
	9	50.69	55.8	231	46	
1656	8	22 51.65	48 37 54.9	666	62	
	8	51.82	55.5	219	47	
1657	8	22 52.78	61 22 41.2	210	171	
1658	9	22 54.97	33 2 4.6	274	80	
	8½	55.22	5.4	223	24	
	8½	55.33	3.4	660	145	
1659	9½	22 54.98	54 32 59.7	259	235	
	9½	55.37	58.7	234	59	
1660	6½	22 55.00	48 45 58.7	666	61	
	6½	55.11	59.6	219	48	
1661	9	22 56.11	59 18 29.6	269	133	
1662	9	23 0.10	71 55 19.2	202	51	
1663	9	23 1.13	29 5 47.0	213	36	
1664	9	23 1.45	61 17 45.2	210	173	
1665	9½	23 1.67	60 4 2.0	272	110	
1666	9	23 2.08	44 51 51.8	279	95	
1667	9	23 5.75	40 56 29.9	278	55	
	9½	5.82	30.6	619	157	
1668	9	23 7.72	53 49 0.7	658	118	
	9	7.75	2.8	564	176	
1669	8½	23 7.82	55 34 6.5	237	55	
1670	9	23 8.84	24 55 40.1	664	65	
1671	9	23 8.90	59 14 33.2	269	132	
1672	9	23 9.58	60 20 50.3	272	112	
1673	8	23 9.76	38 15 15.1	606	109	
1674	8	23 9.80	64 24 2.9	600	49	
1675	9	10 23 10.63	56 41 55.2	585	94	
1676	8	10 23 10.87	45 55 20.0	217	51	
1677	9	23 12.21	49 36 30.6	594	57	
	8½	12.48	28.0	666	60	
1678	9½	23 12.93	65 3 42.5	600	48	
	9½	13.05	45.6	600	52	
1679	8½	23 14.04	56 45 22.8	585	93	
1680	9½	23 14.10	53 44 30.3	658	117	
1681	9½	23 14.10	59 53 33.0	269	131	
	9	14.20	32.8	272	111	
1682	9	23 14.74	56 58 28.9	585	92	
1683	8½	23 14.93	66 55 6.3	591	53	
	9	15.06	7.5	195†	2	
	9	15.29	7.9	176	43	
1684	9	23 16.75	61 10 16.0	210	174	
1685	9½	23 17.00	35 57 58.8	275	97	
1686	5	23 17.61	58 6 4.9	263	116	
1687	8½	23 17.98	27 50 25.1	670	18	dpl. I.
	9	18.03	25.4	665	32	
	8½	18.11	27.0	231	47	
1688	9	23 18.14	28 56 43.6	670	20	
	9	18.21	39.3	213	37	
1689	9	23 18.40	28 16 26.3	670	17	
1690	10	23 18.46	33 35 54.7	660	146	
1691	9	23 19.21	31 39 7.5	673	8	
	9½	19.32	7.1	223	25	
1692	9	23 19.29	62 53 6.8	208	68	
	9	19.36	7.2	205	50	
1693	8	23 21.06	54 40 56.3	234	60	
	8	21.10	56.5	259	238	
	8	21.17	56.1	658	119	
	8	21.19	54.8	259	234	
1694	9	23 21.13	33 41 59.6	660	147	
	9	21.14	57.4	587	120	
1695	9	23 21.28	51 55 30.6	597	45	pr.
1696	7	23 21.39	62 23 7.4	208	70	
1697	7½	23 21.44	56 33 36.0	581	87	
1698	8½	23 22.00	51 55 30.2	256	197	sq.
	8½	22.18	30.1	569	226	
	8½	22.24	30.1	562	204	
1699	7	23 22.01	43 12 7.0	279	100	
1700	9	23 22.17	26 13 42.6	228	51	
	8½	22.18	42.6	665	33	
1701	9	23 22.44	51 3 56.5	597	42	
1702	8½	23 27.20	50 43 3.8	594	55	
	8½	27.36	3.9	569	228	
1703	6½	23 29.10	65 4 1.9	600	50	
1704	8½	23 29.81	50 26 0.4	594	56	
1705	8½	23 30.36	67 51 38.7	573	101	
	8	30.66	41.3	176	47	
1706	10	23 30.48	41 37 21.0	278	57	
1707	8	23 30.94	36 16 0.2	275	99	
1708	9	23 31.01	53 18 9.7	571	194	
1709	8½	23 32.29	69 14 43.1	577	51	
1710	8½	23 33.96	29 54 3.3	213	41	
	8½	34.20	5.0	673	10	
1711	7½	23 34.15	37 25 11.8	606	110	
1712	9	23 37.05	51 8 48.6	597	43	
1713	9	23 37.78	63 26 51.4	205	51	
1714	9	23 38.00	58 35 16.1	579	129	
1715	9½	23 38.62	45 55 22.8	217	52	
1716	9	23 41.10	34 22 59.0	587	121	
1717	9½	23 41.54	55 22 49.6	237	57	
1718	9½	23 42.10	51 11 16.2	597	44	
1719	8	23 42.27	47 48 7.9	662	111	
1720	9	23 42.46	36 0 41.9	275	98	
1721	9½	23 42.59	54 31 59.2	658	120	
	9½	42.65	59.9	234	61	
	9½	42.83	57.6	259	236	
1722	9½	10 23 42.65	68 37 42.1	573	100	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1723	6	10 23 42.67	29 1 28.6	231	48	
	6	42.79	30.5	213	39	
	6	42.83	29.6	670	21	
1724	9	23 43.62	28 54 48.7	670	22	
	9	43.66	48.7	231	49	
	9	43.82	48.4	213	38	
1725	8½	23 43.89	58 43 39.9	579	128	
1726	9½	23 44.16	52 0 44.3	562	205	
1727	9½	23 44.30	55 20 55.5	237	58	
1728	8	23 44.30	67 38 61.6	176	46	
	9	44.33	61.7	573	102	
	8½	44.47	59.8	176	44	
1729	8½	23 46.36	24 26 15.3	664	66	
	9	46.45	14.6	226	59	
1730	8	23 48.48	32 46 9.3	660	148	
	8	48.56	10.7	223	27	
1731	9½	23 48.60	28 27 9.0	670	19	
1732	6	23 50.21	29 58 4.4	673	9	dpl. n. sq.
	6	50.36	5.9	213	40	
1733	8	23 50.47	48 20 60.1	662	113	
	8	50.58	59.5	666	63	
	8	50.61	60.1	219	49	
1734	9	23 51.07	51 45 1.8	597	46	
	9	51.39	0.3	569	227	
1735	7½	23 52.52	32 18 8.8	223	26	
1736	9	23 53.12	64 16 14.8	600	54	
1737	9	23 53.26	48 31 27.6	666	65	
1738	8½	23 54.63	47 8 13.7	662	110	
1739	8	23 56.41	58 12 47.2	263	117	
1740	8	23 57.34	40 19 22.4	619	158	
1741	8½	23 58.41	48 17 58.8	662	112	
	8½	58.43	57.8	666	64	
	8	58.49	58.6	219	50	
1742	9½	23 58.69	45 47 57.3	217	53	
1743	8½	23 58.78	66 43 60.6	195†	4	
	8½	58.87	57.8	591	55	
1744	9½	23 59.12	63 23 10.4	205	52	
1745	9	23 59.72	54 4 50.4	658	121	
1746	9	24 2.77	70 4 32.8	577	53	
1747	7	24 2.92	72 31 48.9	202	53	
1748	6½	24 4.12	62 31 31.3	208	71	
1749	7	24 6.15	56 35 38.6	581	88	
1750	9	24 7.61	38 23 59.1	606	111	
1751	8½	24 8.57	29 51 52.8	213	42	
	9	8.76	52.9	673	11	
1752	8½	24 9.24	43 49 2.7	279	101	
1753	9½	24 10.41	36 15 13.4	275	100	
1754	9	24 11.30	54 2 21.4	658	122	
1755	9½	24 12.25	54 36 42.2	234	62	
	9½	12.41	43.1	658	123	
	9½	12.45	38.6	259	237	
1756	9½	24 12.28	72 37 23.3	202	54	
1757	9	24 13.67	32 41 15.9	660	149	
	9½	13.87	16.3	223	28	
1758	9½	24 14.71	53 6 49.3	571	195	
1759	7	24 15.41	42 24 40.5	278	59	
1760	8½	24 15.52	57 24 54.5	263	120	
1761	9	24 15.78	61 2 49.9	210	175	
1762	9½	24 16.15	45 51 13.3	217	54	
1763	9½	24 16.39	44 24 2.2	279	102	
1764	9½	24 17.84	53 52 30.8	564	177	
1765	8½	24 18.22	43 13 49.8	279	99	
1766	9	24 18.24	49 55 52.3	594	58	
1767	8½	24 20.06	42 29 46.1	278	61	
1768	9	24 20.63	58 9 3.2	263	118	dpl. I.
1769	9½	24 20.75	48 14 3.6	662	114	
1770	10	24 21.02	67 31 41.8	176	48	
1771	9½	24 21.80	66 8 4.1	195†	5	
1772	8½	10 24 22.79	60 15 18.1	272	113	
1773	9	10 24 23.01	65 3 17.6	600	51	
1774	9	24 23.43	26 52 47.6	665	34	
	9	23.47	50.2	231	50	
1775	9	24 26.19	57 48 57.7	263	119	
1776	9	24 26.60	41 42 24.9	278	58	
1777	8½	24 27.48	24 14 24.3	664	67	
	—	27.68	23.9	226	61	
1778	10	24 28.17	39 24 54.3	619	159	
1779	9	24 28.32	61 56 55.5	210	176	s. pr.
	9	28.42	57.9	208	72	
1780	8½	24 29.57	59 27 33.7	269	137	
	8½	29.89	35.8	269	134	
1781	9½	24 29.99	52 43 44.9	571	196	
1782	8½	24 30.12	56 58 27.3	585	95	
1783	9	24 30.28	50 36 27.5	594	59	
1784	8½	24 30.46	61 56 40.2	210	177	n. sq.
	8½	30.61	42.0	208	73	
1785	8½	24 30.50	52 7 35.5	569	231	
	9	30.51	38.7	597	47	
	8	30.72	39.2	562	206	
	8½	30.72	36.7	256	198	
1786	8	24 31.25	61 54 34.1	210	178	
	8	31.25	35.3	208	74	
1787	8	24 31.61	32 4 20.7	660	150	
	8	31.62	18.9	673	12	
	8	31.68	21.1	223	29	
1788	9	24 31.90	68 35 44.3	573	99	
1789	9½	24 31.95	24 3 16.2	664	68	
1790	9	24 32.19	59 6 46.2	579	133	
1791	8	24 33.62	58 58 19.1	269	135	
	8	33.62	17.9	579	132	
1792	10	24 33.93	45 51 1.4	217	55	
1793	8½	24 35.50	36 3 3.0	275	101	
1794	9	24 35.99	58 31 55.6	579	130	
1795	9½	24 36.68	53 23 32.0	256	201	
1796	8½	24 37.41	53 37 32.6	564	178	
	9	37.52	32.5	259	241	
1797	9	24 37.49	63 57 18.7	600	55	
1798	9	24 38.75	42 35 34.6	278	62	
1799	9	24 38.78	26 23 50.0	665	35	
	9½	38.82	48.8	228	52	
1800	8½	24 40.18	42 29 21.8	278	60	
1801	9	24 41.69	56 58 40.1	585	96	
1802	9½	24 42.26	55 23 4.5	237	59	
1803	9½	24 42.61	59 57 38.1	272	114	
1804	6	24 43.—	63 31 56.8	600	56	
	6	43.27	56.2	205	53	
1805	9	24 44.27	51 10 20.8	569	229	
1806	8½	24 47.45	47 39 21.6	219	51	
	8½	47.50	23.8	662	115	
1807	8½	24 47.99	77 57 35.8	173	77	
	8½	48.34	35.8	173	75	
1808	9	24 49.61	68 19 61.1	176	52	
	9	49.69	59.2	573	105	
1809	9½	24 49.99	58 35 2.2	579	131	
1810	8½	24 50.13	57 2 14.5	585	97	
1811	9	24 50.97	69 46 1.1	577	52	
1812	9½	24 52.24	70 5 15.6	577	54	
1813	9½	24 52.61	46 42 46.6	217	56	dpl. II. n. sq.
1814	9	24 52.65	48 34 40.2	666	66	
1815	9	24 52.67	45 14 53.2	279	103	
1816	9	24 53.90	56 51 19.7	585	98	
1817	8½	24 54.36	24 34 57.3	664	69	
	8½	54.48	55.8	226	60	
1818	8½	24 55.85	53 25 13.6	564	179	
	8½	56.00	14.6	256	202	
	9	56.23	13.2	259	239	
1819	9	10 24 57.01	66 3 25.8	591	57	dpl. II. pr.
	9	57.39	26.4	195†	6	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1820	7	10 24 59.12	64 32 14.5	600	53	
1821	8	24 59.45	38 25 23.2	606	112	
1822	6½	24 59.90	25 50 37.6	228	54	s.pr.
	6½	59.98	36.7	665	36	
1823	10	25 1.28	25 50 11.2	228	55	n.sq.
1824	8	25 2.13	25 27 19.5	664	70	
1825	7½	25 3.53	54 20 14.1	658	125	
1826	9	25 9.07	26 13 32.5	228	53	
	9	9.17	32.2	665	37	
1827	10	25 9.22	67 36 16.5	176	49	
	9½	9.32	16.1	573	103	
1828	8	25 9.40	47 32 25.3	662	116	
	8	9.55	24.5	219	52	
1829	8½	25 9.74	23 32 16.5	226	62	
1830	8	25 10.18	52 42 10.7	562	208	
	8	10.24	11.4	571	197	
	8	10.27	10.4	256	200	
1831	9½	25 10.21	65 27 46.2	591	56	
1832	9½	25 11.94	56 2 3.4	237	60	
1833	9	25 11.99	54 45 35.8	234	63	
1834	9	25 13.56	54 13 20.9	658	124	
1835	8½	25 13.87	52 8 53.2	569	230	
	8½	13.92	55.1	597	48	
	8½	14.07	54.3	256	199	
	8½	14.10	52.8	562	207	
1836	9	25 14.83	60 24 52.0	272	115	
1837	9	25 14.90	35 37 12.7	275	103	
1838	9	25 15.75	36 8 31.9	275	102	
1839	9½	25 17.10	30 50 15.1	673	13	
1840	8½	25 19.19	25 21 1.4	664	71	
1841	9	25 19.31	34 24 22.0	274	81	
	8½	19.58	23.6	587	122	
1842	9½	25 20.63	53 23 47.6	564	180	
	9	20.72	48.3	256	203	
	9½	20.86	45.4	259	240	
1843	9	25 24.57	58 52 10.9	269	136	
1844	9½	25 24.84	50 19 48.1	594	61	
1845	9	25 26.75	59 16 58.3	269	138	
1846	9	25 26.90	65 14 9.0	195†	7	
	9½	26.94	8.8	591	58	
1847	8½	25 27.38	78 17 21.9	173	76	
1848	9½	25 27.64	60 28 2.0	272	116	
1849	9½	25 30.23	27 0 36.0	665	38	
1850	9½	25 31.94	34 15 36.5	274	83	
1851	8½	25 35.89	72 0 43.2	202	52	
1852	8½	25 36.30	35 34 54.7	275	104	
1853	9	25 36.33	52 26 28.1	562	209	
1854	8½	25 36.69	38 41 56.6	606	114	
1855	9	25 37.11	45 30 24.0	217	57	
1856	9	25 37.18	78 5 50.5	173	78	
1857	10	25 37.70	62 3 17.8	210	180	
1858	9½	25 37.75	42 57 59.0	278	63	
1859	6½	25 38.12	56 26 12.1	581	89	
1860	8½	25 39.75	38 28 50.6	606	115	
	8½	39.89	50.0	606	113	
1861	8	25 40.31	62 4 18.6	210	179	
	8½	40.58	20.0	208	75	
1862	9½	25 40.42	34 10 9.4	274	82	
	9	40.47	9.9	660	151	
	9	40.59	10.4	587	123	
1863	9	25 41.05	50 25 49.2	594	60	
1864	9	25 42.48	58 22 44.9	579	135	
1865	9	25 43.36	59 6 40.5	579	134	
	9	43.55	41.0	269	139	
1866	8	25 44.78	56 53 59.7	585	99	
1867	8½	25 45.13	54 47 34.3	234	64	
1868	8	25 47.72	55 17 53.9	237	61	
	8½	47.83	54.7	234	65	
1869	9	25 48.18	63 13 39.6	205	54	
1870	9½	10 25 49.80	40 1 50.2	619	160	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1871	8½	10 25 49.97	71 9 31.2	577	57	
1872	8	25 50.50	53 50 23.1	658	126	
	8	50.54	22.2	259	243	
1873	9	25 51.34	61 50 53.2	210	181	
1874	8	25 51.50	34 29 2.2	274	84	
	8	51.61	2.3	587	124	
1875	9	25 52.15	59 43 26.5	272	118	
1876	8½	25 52.36	53 52 17.4	658	127	
	8½	52.45	16.5	259	244	
1877	9½	25 54.22	70 10 51.8	577	56	
1878	8½	25 55.11	68 58 9.3	573	104	
1879	10	25 55.78	45 30 42.8	217	58	dpl. II.
1880	9	25 56.06	60 5 36.3	272	117	
1881	8½	25 56.28	53 22 18.7	256	204	
	8½	56.51	19.0	259	242	
	8	56.56	19.4	564	181	
1882	9	25 56.95	29 3 8.6	231	51	
1883	9	25 57.03	50 9 40.7	594	62	
1884	8½	25 57.47	32 25 32.1	223	30	
	8	57.48	30.0	660	153	
1885	9½	25 58.65	53 13 29.5	564	182	
	9	58.76	29.5	571	198	
1886	6½	25 59.67	27 35 41.0	665	39	
1887	9½	25 59.79	58 2 54.2	263	121	
1888	9	26 2.54	34 19 39.4	274	85	
	9	2.65	38.8	587	125	
1889	9½	26 2.77	28 38 26.5	231	53	
1890	8½	26 3.39	23 54 41.2	664	72	
	9	3.43	41.5	226	63	
1891	8½	26 3.88	44 44 26.7	279	104	
1892	8	26 4.93	56 57 30.1	585	100	
1893	9½	26 5.58	55 3 52.6	234	66	
1894	8	26 6.90	60 41 42.2	210	183	
1895	9½	26 7.59	32 16 15.0	223	32	
1896	9½	26 9.01	32 29 47.6	660	154	
	10	9.05	49.1	223	31	
1897	8½	26 9.10	40 10 8.1	619	161	
1898	9	26 10.61	62 54 55.3	205	55	
1899	9½	26 11.95	29 53 29.5	213	43	
1900	7	26 12.51	60 42 54.7	210	184	
1901	10	26 14.66	35 50 20.9	275	105	
1902	8½	26 14.66	70 38 56.3	577	59	
1903	9½	26 15.28	59 41 21.1	272	119	
1904	9	26 16.14	44 48 42.0	279	105	
1905	7	26 16.17	66 20 37.1	195†	8	
	6½	16.17	36.3	591	61	
1906	9	26 16.24	45 21 16.1	217	59	
1907	9½	26 16.76	29 57 4.9	670	23	
	9½	16 89	4.7	213	44	
1908	9	26 16.80	49 0 29.8	666	67	
1909	9	26 21.14	33 45 4.1	660	152	
1910	9½	26 21.73	28 38 7.6	231	52	
1911	8½	26 23.88	31 11 53.0	673	14	
1912	8½	26 24.34	58 3 56.4	263	122	
1913	9	26 25.31	26 22 34.7	228	57	
	9	25.48	33.0	665	40	
1914	9	26 25.63	50 57 30.8	569	232	
	9	25.66	33.6	597	49	
	8½	25.75	32.4	594	63	
1915	9½	26 25.99	48 55 18.5	666	68	
1916	8	26 26.17	67 54 39.7	176	50	
1917	8½	26 26.37	23 53 41.0	664	73	
	8½	26.51	42.6	226	64	
1918	8½	26 26.55	56 47 30.2	581	91	
	8½	26.55	29.2	585	101	
1919	8	26 27.33	57 24 27.1	585	102	
	8½	27.38	24.5	263	123	
1920	9½	26 27.82	29 56 49.6	670	24	
	9	28.07	49.6	213	45	
1921	10	10 26 28.04	53 56 45.8	259	245	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1922	9	10 26 28.31	38 32 15.9	606	117	
1923	8	26 28.66	22 57 35.0	226	65	
1924	9½	26 30.55	70 37 40.4	577	60	
1925	6	26 30.73	53 4 51.6	571	200	s.pr.
	6	30.73	51.2	564	183	
	6	30.88	51.9	256	206	
1926	9	26 31.50	44 48 36.8	279	106	
1927	8½	26 32.24	60 58 20.1	604	1	
1928	9½	26 32.80	59 13 43.4	269	141	
1929	9	26 32.95	53 4 42.5	256	207	n.sq.
	9	33.17	41.9	564	184	
	8½	33.24	42.0	571	199	
1930	9	26 35.56	22 58 23.1	226	66	
1931	9½	26 37.24	66 13 28.3	195†	9	
	9½	37.40	27.8	591	62	
1932	9	26 38.19	38 27 12.4	606	116	
1933	9½	26 39.40	59 12 49.9	269	143	
	9	39.48	47.7	269	140	
1934	9	26 39.60	54 34 57.0	658	128	
1935	8	26 39.73	71 59 17.0	202	55	
1936	8½	26 41.03	60 56 2.1	210	185	
	9	41.08	3.1	604	3	
	8	41.30	2.8	210	182	
1937	9½	26 41.70	67 55 14.8	176	51	
1938	9	26 42.84	23 24 8.8	231	54	
	8½	42.92	9.1	670	26	
1939	7½	26 42.90	70 14 51.3	577	55	
1940	8½	26 44.04	28 51 27.0	670	25	
	8½	44.20	22.0	213	46	
1941	9	26 45.55	42 56 55.2	278	64	
1942	9½	26 46.48	65 44 43.1	591	59	
1943	8½	26 47.34	66 9 46.4	591	63	
	8½	48.11	47.3	195†	10	
1944	9	26 48.25	55 26 48.3	237	62	
1945	8	26 49.92	51 35 20.7	569	233	
	8	50.11	22.4	597	50	
1946	9½	26 49.93	53 26 10.9	256	205	
1947	9½	26 50.33	58 52 48.7	579	136	
1948	9	26 50.75	40 8 1.1	619	162	
1949	9½	26 51.71	63 32 19.3	205	57	
	9	51.73	20.4	600	57	dpl. pr.
1950	9	26 51.71	31 5 14.2	673	17	
	9½	51.89	13.7	213	47	
1951	8½	26 52.38	47 14 43.0	662	117	
	9	52.67	45.2	219	53	
1952	9	26 52.61	62 29 5.4	208	77	
1953	9	26 53.92	24 34 21.2	664	75	
1954	8½	26 54.62	47 16 42.4	662	118	
	9	54.72	44.5	219	54	
1955	9	26 54.76	31 56 32.2	660	155	
	9	54.81	32.2	673	15	
	8½	54.94	35.5	223	33	
1956	9	26 55.04	70 55 17.1	577	58	
1957	9	26 55.25	63 32 23.7	600	58	dpl. sq.
	9½	55.59	25.6	205	56	
1958	9	26 55.86	56 40 6.7	581	90	
1959	9½	26 57.74	39 59 54.4	619	163	
1960	8½	26 57.77	48 48 33.4	666	69	
	8½	57.81	34.6	666	71	
1961	8	26 58.77	25 57 58.3	665	41	
	8	58.84	59.1	228	56	
1962	9	26 59.09	44 45 7.5	279	107	
1963	9	26 59.44	38 39 27.4	606	118	
1964	8	27 0.21	31 54 54.5	673	16	
	8	0.21	53.9	660	156	
	8	0.33	54.5	223	34	
1965	9	27 0.61	24 30 11.6	664	74	
1966	10	10 27 1.10	68 20 16.2	176	53	
	9½	1.37	17.2	573	106	
1967	8	10 27 3.95	35 48 51.8	275	106	
1968	9	27 6.00	35 51 28.9	275	108	
1969	9	27 6.24	62 19 49.4	208	76	
1970	9½	27 7.52	59 38 37.9	272	120	
1971	10	27 8.27	28 22 55.7	231	55	
1972	8	27 8.44	32 43 34.0	660	157	
1973	9½	27 8.72	54 19 37.5	259	246	
	9	8.72	38.6	658	129	
	9	8.88	39.1	234	67	
1974	9½	27 10.15	53 6 42.6	571	201	
	10	10.31	42.1	256	208	
1975	9½	27 10.24	55 26 38.4	237	63	
1976	9	27 11.09	24 56 48.0	664	77	
1977	8½	27 15.30	35 59 42.2	275	107	
1978	9	27 16.29	49 59 27.1	594	64	
	9	16.53	28.1	594	66	
1979	9	27 17.17	24 51 21.6	664	76	
	9	17.42	19.9	226	67	
1980	9	27 18.19	57 25 46.8	585	104	
	9	18.32	46.9	263	124	
1981	9½	27 18.37	44 53 36.9	279	108	
	9½	18.62	37.3	217	60	
1982	7½	27 18.49	67 3 36.8	573	110	
	7½	19.00	36.6	195†	11	
	7½	19.04	37.9	176	57	
1983	9½	27 19.70	35 10 29.8	274	86	
1984	9½	27 20.37	57 35 8.1	585	103	
	9½	20.48	7.1	263	125	
1985	9½	27 21.46	62 36 15.3	208	78	
1986	9	27 21.61	52 3 1.7	597	51	
	9	21.62	0.3	562	210	
	9	21.64	0.3	569	234	
1987	9	27 21.68	26 10 11.5	665	43	
1988	8	27 22.94	42 59 3.1	278	66	
1989	8½	27 23.08	43 55 34.2	279	109	
1990	8½	27 23.19	43 4 14.3	278	65	
1991	10	27 24.12	26 20 23.8	228	58	
1992	9½	27 25.—	56 4 33.4	581	93	
1993	8½	27 25.98	39 17 14.5	619	164	
1994	9	27 26.83	55 28 7.0	237	64	
1995	9	27 27.57	70 37 40.9	577	61	
1996	10	27 27.60	43 3 5.0	278	67	
1997	9½	27 27.98	62 50 47.2	208	79	
	9	28.17	46.7	205	59	
1998	7½	27 28.00	68 15 16.5	573	107	
	7½	28.04	18.3	176	54	
1999	9½	27 28.48	30 41 15.1	213	48	
2000	9½	27 29.40	34 51 4.2	587	126	
2001	9	27 30.99	26 9 57.8	228	60	
	8½	31.06	55.6	665	42	
2002	9	27 32.04	48 12 12.1	662	119	
	9	32.16	15.4	666	72	
2003	4	27 34.75	61 2 33.4	604	2	
	4	34.96	31.7	210	186	
2004	8	27 35.89	68 19 35.8	176	55	
	8	36.09	34.1	573	108	
2005	8½	27 35.90	63 17 48.3	205	58	
2006	9½	27 36.55	50 38 59.1	594	65	
2007	9	27 36.97	56 5 49.1	581	94	
2008	9	27 36.98	25 48 30.3	664	79	
2009	8½	27 38.26	61 8 21.7	210	187	
2010	9	27 38.47	59 12 19.9	269	142	
2011	8½	27 39.74	39 8 23.5	606	119	
	9	39.93	22.2	619	165	
2012	9	27 39.89	65 48 34.9	195†	12	
	9	39.93	32.4	591	60	
2013	8½	10 27 40.03	49 29 36.2	219	55	
	8½	40.12	33.8	666	70	
	8½	40.22	35.3	594	67	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2014	5½	10 27 40.57	46 21 36.3	217	62	dpl. n. pr.
2015	8½	27 41.68	51 23 1.5	569	235	
	8½	41.86	2.1	597	53	
2016	9	27 41.84	46 22 14.8	217	61	s. sq.
2017	9	27 42.64	24 57 4.7	228	61	
	9	42.77	6.5	664	78	
	9	42.80	6.2	226	68	
2018	8½	27 42.70	52 29 47.8	562	211	
2019	9½	27 43.00	43 50 16.3	279	111	
2020	9½	27 44.29	55 28 31.5	237	65	
2021	9	27 46.06	54 5 19.0	658	131	
2022	8½	27 46.58	58 57 39.3	269	148	
	8½	46.63	38.8	579	141	
2023	10	27 48.93	52 2 56.0	597	52	
2024	8½	27 49.38	57 33 21.7	585	105	
	9	49.44	21.7	263	127	
2025	9	27 50.18	43 52 57.7	279	110	
2026	9½	27 50.85	26 10 12.5	228	59	
2027	8	27 51.31	35 25 20.0	275	109	
2028	9½	27 51.87	55 5 48.7	234	68	
2029	9½	27 52.07	57 58 42.2	263	129	
2030	9½	27 52.44	28 58 1.8	670	29	
2031	8½	27 52.56	59 13 18.9	269	144	
2032	9	27 55.03	27 49 23.0	665	44	
	9	55.08	26.3	231	56	
2033	9	27 57.16	29 40 30.5	670	27	
2034	8½	27 57.60	50 53 19.9	569	236	
	9	57.67	18.7	597	54	
2035	9	27 57.63	54 29 45.5	658	130	
2036	9	27 58.02	47 28 58.5	662	120	
2037	9½	27 59.66	58 14 35.9	579	138	
2038	8	27 59.77	26 42 17.7	665	45	
2039	7½	28 0.00	39 35 35.2	619	167	
2040	9½	28 0.53	58 15 55.0	579	137	
2041	9½	28 1.90	72 42 53.1	202	56	
2042	9	28 3.—	56 51 54.8	581	92	
2043	9½	28 6.70	34 16 36.2	274	88	
2044	5½	28 7.09	72 34 44.0	202	57	
2045	9	28 7.15	52 19 23.5	562	212	
2046	7	28 7.21	58 1 23.5	263	130	
2047	8½	28 8.47	65 55 42.9	591	65	
	8½	8.50	34.8	195†	13	
2048	9	28 11.08	53 20 18.3	610	1	
	9½	11.10	15.7	564	185	
	9	11.11	16.9	571	202	
	9½	11.17	14.3	259	247	
2049	9	28 12.05	28 53 42.3	670	28	
	9½	12.09	43.9	213	49	
2050	8½	28 12.31	52 37 60.8	571	203	
	9	12.34	58.5	256	209	
2051	8½	28 12.90	52 38 0.0	610	2	
2052	9	28 12.92	47 12 55.3	217	66	
	9	12.93	53.1	662	121	
2053	7	28 15.76	46 19 52.3	217	63	dpl. n. pr.
2054	9	28 15.83	34 20 4.1	274	87	
2055	9	28 16.16	26 26 25.6	665	46	
2056	10	28 16.69	46 20 19.2	217	64	s. sq.
2057	9½	28 16.96	55 15 17.3	234	70	
2058	10	28 17.14	53 34 30.2	259	248	
2059	9	28 17.35	59 8 48.5	269	146	
2060	8	28 17.78	23 39 26.5	226	69	
2061	9	28 17.86	36 30 30.7	275	110	
2062	9	28 21.56	54 59 21.3	234	69	
2063	9½	28 24.62	31 43 40.7	223	35	
2064	9½	28 27.43	57 50 3.0	263	131	
2065	9	28 28.42	38 45 38.6	606	120	
2066	9	10 28 28.53	60 53 13.3	210	188	
	9	28.71	14.8	604	5	
2067	8½	10 28 28.79	57 51 15.2	263	132	
2068	8½	28 29.12	57 31 30.0	263	126	
	8½	29.15	33.9	585	106	
2069	9	28 30.42	59 8 6.0	579	139	
	8½	30.51	5.0	269	145	
	8½	30.52	6.0	269	149	
2070	9½	28 31.42	40 1 42.1	619	166	
2071	8	28 32.81	68 8 56.0	176	56	
	8	32.88	55.6	573	112	
	8	33.29	54.8	573	109	
2072	8½	28 34.23	25 41 6.9	664	80	
	9	34.23	6.3	228	62	
2073	9½	28 34.71	64 41 28.8	600	59	
2074	9	28 37.12	59 7 9.6	579	140	
	9	37.47	12.4	269	147	
	9	37.55	12.3	269	150	
2075	9	28 37.14	65 32 19.7	591	64	
2076	9½	28 38.54	52 32 27.9	562	214	
2077	10	28 38.77	32 17 57.8	660	158	
2078	9½	28 39.07	55 7 17.2	237	66	
	9½	39.19	17.8	234	72	
2079	7	28 40.62	36 44 29.1	275	111	
2080	9	28 42.00	55 4 46.8	234	71	
2081	7	28 42.00	57 32 45.7	263	128	
	7	42.03	44.2	585	107	
2082	9	28 42.20	51 39 49.5	569	237	
	9½	42.43	50.0	597	56	
2083	8½	28 44.02	46 53 6.3	662	122	
2084	8½	28 45.16	49 36 5.1	666	73	
	8½	45.17	3.9	219	57	
	8½	45.19	5.7	594	68	
2085	9½	28 45.20	53 50 56.1	564	186	
2086	9½	28 45.45	28 58 45.3	213	50	
	9	45.49	42.8	670	30	
2087	9½	28 47.66	28 27 16.3	670	31	
2088	9½	28 49.18	48 41 43.4	219	56	
2089	7½	28 49.27	58 46 27.1	579	142	
2090	9½	28 51.04	59 55 39.6	272	121	
2091	9	28 51.27	52 38 20.3	256	210	
	9	51.48	19.2	610	3	
	9	51.50	19.7	571	204	
	9	51.52	19.2	562	213	
	9	51.71	22.8	610	5	
2092	9½	28 53.28	46 30 47.3	217	65	
2093	8½	28 54.59	24 27 2.9	664	81	
2094	8	28 55.01	36 42 35.8	275	112	
2095	9	28 55.06	59 28 59.2	269	151	
2096	9	28 55.31	60 29 36.4	604	4	
	8½	55.40	33.0	272	122	
	9	55.43	36.4	604	6	
2097	9½	28 55.81	52 33 36.7	562	215	
	9½	55.81	38.7	256	212	
	9	55.95	38.0	571	206	
2098	8	28 57.32	37 29 0.9	606	121	
2099	8½	28 57.50	33 7 10.5	660	159	
	8	57.65	9.9	587	129	
	8	57.66	9.8	223	36	
2100	9½	28 57.62	52 34 48.9	571	205	
2101	9	28 58.39	70 45 17.0	577	62	
2102	8	29 1.82	30 41 55.9	213	52	
	8	1.91	51.4	673	18	
2103	9	29 2.45	47 31 19.4	662	123	
2104	9½	29 2.63	51 32 13.2	597	57	
2105	9	29 5.05	49 32 17.2	666	74	
	9½	5.28	16.6	594	69	
	9½	5.48	18.6	219	59	
2106	8½	10 29 6.31	51 50 58.6	610	4	
	9	6.63	58.6	569	238	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2107	8	10 29 8.70	25 44 8.6	228	64	
	8	8.74	7.5	228	63	
	8	8.77	9.2	664	82	
2108	8	29 11.38	41 6 16.5	278	69	
	8	11.57	16.1	619	168	
2109	9	29 12.08	41 26 56.7	278	68	
2110	9	29 12.61	48 51 21.9	666	76	
2111	8½	29 13.07	34 26 24.7	274	89	
	8	13.10	26.1	587	128	
2112	9	29 15.01	47 44 54.3	662	124	
2113	8½	29 15.53	34 37 25.0	587	127	
2114	9½	29 16.50	42 57 17.3	279	113	
2115	9½	29 17.10	53 43 41.0	564	187	
2116	8½	29 17.25	48 37 13.7	666	77	
2117	9	29 17.74	24 49 9.6	226	70	
	9	17.89	10.0	664	83	
2118	9½	29 19.26	67 2 54.7	195†	14	
	9½	19.32	50.2	176	58	
	9½	19.32	54.4	573	111	
2119	9½	29 19.58	52 25 53.2	562	217	
2120	9	29 19.97	52 27 51.8	256	211	
	9	20.16	49.5	562	216	
2121	8½	29 20.12	64 43 24.7	600	60	
2122	9	29 20.30	49 36 35.8	219	58	
	9	20.32	36.0	666	75	
	9	20.37	35.9	594	70	
2123	9	29 21.14	53 53 6.3	564	188	
	9½	21.20	4.5	259	249	
	9	21.30	4.5	658	132	
	9	21.40	7.6	613	1	
2124	9½	29 21.56	51 3 31.5	597	55	
	9	21.63	28.9	569	239	
2125	9	29 21.69	31 10 40.5	223	37	
	9	21.95	40.3	213	53	
2126	9	29 22.64	29 41 30.3	670	32	
	9	22.89	29.5	213	51	
2127	9	29 24.32	64 23 45.4	600	61	
	9	24.40	46.4	600	64	
2128	8½	29 26.11	71 46 55.1	202	58	
2129	8½	29 27.60	56 19 57.1	581	95	
2130	9	29 28.24	43 44 15.5	279	112	
2131	9½	29 28.64	71 47 43.6	202	59	
2132	9	29 30.28	79 7 30.9	173	83	
	9	30.49	31.1	173	79	
2133	9	29 30.50	38 54 26.1	606	124	
	9	30.71	25.3	619	169	
2134	8½	29 30.94	55 16 5.6	237	67	
	9	31.23	6.5	234	73	
2135	9½	29 35.35	63 10 5.1	205	60	
2136	10	29 35.51	57 58 46.0	263	134	
2137	9	29 36.59	48 34 10.6	666	78	
2138	9	29 36.90	53 6 24.5	571	208	
2139	9½	29 37.32	53 18 42.8	571	207	
2140	9	29 37.52	57 57 58.3	263	133	
2141	9	29 38.85	56 10 53.4	581	96	
2142	9	29 39.84	67 57 19.1	573	113	
	9	40.18	19.2	176	60	
2143	6	29 40.01	38 55 0.3	606	122	
	6	40.09	0.7	619	170	red
2144	7	29 40.34	60 20 27.3	210	189	
	7	40.38	29.4	272	124	
2145	9	29 40.89	48 37 42.1	666	79	
2146	9½	29 40.90	55 54 15.3	237	69	
2147	9	29 40.96	35 10 46.2	274	90	
2148	9	29 41.12	77 31 33.2	173	82	
2149	9	29 41.42	56 42 6.7	585	108	
2150	9	29 43.69	49 47 46.0	594	71	
2151	9½	10 29 44.95	63 14 43.0	205	61	
2152	9	10 29 45.26	59 22 57.3	269	153	
2153	6½	29 45.59	43 1 8.9	279	114	
2154	9½	29 50.11	47 40 42.0	662	125	
2155	7	29 50.73	36 42 54.1	275	113	
2156	9	29 51.22	60 17 14.8	272	125	
	9½	51.43	12.8	272	123	
2157	8½	29 51.87	42 24 23.6	278	70	
2158	10	29 51.99	53 59 49.4	658	134	
	10	52.09	52.8	613	2	
2159	8	29 53.37	62 3 56.3	672	1	red
	8½	53.49	53.9	208	80	
	8	53.55	54.8	630	1	
2160	9½	29 56.39	43 19 26.5	279	116	
2161	9	29 56.76	64 45 12.5	600	62	
2162	9½	29 57.11	68 24 28.5	573	114	
2163	9½	29 59.79	54 1 49.9	564	189	
	9½	59.81	51.7	658	133	
	9½	59.88	51.2	259	250	
	9½	59.96	53.6	613	3	
2164	9½	30 1.18	48 9 53.3	662	127	
2165	9	30 1.22	35 40 33.0	275	115	
2166	9½	30 1.31	58 26 33.3	579	143	
2167	9	30 1.39	55 55 44.9	237	68	
2168	9	30 1.67	34 55 29.2	587	130	
	9	1.73	29.8	274	91	
2169	8½	30 1.68	57 30 35.9	585	109	
2170	9½	30 3.65	38 53 56.0	619	172	
2171	8½	30 3.77	28 28 59.6	670	33	
	9	3.83	57.9	231	57	
2172	9	30 3.80	54 45 41.9	234	74	
2173	9½	30 4.90	51 17 36.8	597	62	
2174	9	30 5.59	38 56 41.5	619	171	
	9	5.64	40.1	606	123	
2175	8½	30 6.12	59 37 33.2	269	155	
	8½	6.18	32.3	269	152	
2176	9½	30 6.47	31 51 26.3	660	160	
2177	9½	30 6.82	47 37 34.9	662	126	
2178	8	30 10.53	43 8 24.6	279	115	
2179	7½	30 10.66	54 45 43.5	234	75	
2180	9	30 10.85	44 22 11.9	279	117	
2181	6½	30 10.88	26 1 34.0	228	65	
	6½	10.91	32.5	665	47	
	6½	11.01	33.5	664	84	
2182	9	30 11.25	37 23 52.1	606	125	
2183	9½	30 12.39	25 59 10.2	664	85	
	10	12.50	11.6	665	48	
2184	9	30 12.76	36 8 24.3	275	114	
2185	9	30 13.19	51 16 42.2	569	241	
	9	13.25	40.2	597	61	
2186	9½	30 13.77	46 36 30.4	217	67	
2187	8	30 13.80	49 31 52.4	219	60	
	8	14.07	52.7	594	72	
2188	9	30 14.63	28 54 38.1	231	58	
2189	9½	30 15.42	34 30 57.6	587	131	
2190	9	30 15.99	57 10 54.6	585	110	
2191	8½	30 16.16	52 48 57.8	610	6	
2192	8½	30 16.61	46 38 59.8	217	69	
2193	7½	30 17.84	57 1 49.8	585	111	
2194	9	30 19.13	64 40 59.0	600	63	
2195	8	30 22.61	67 48 48.6	176	59	
	9	22.73	49.6	573	115	
2196	9	30 25.16	51 20 17.4	569	242	
	9½	25.36	18.1	597	59	
2197	10	30 26.38	53 7 56.3	256	213	
	9½	26.39	53.7	571	209	
2198	9	30 27.11	54 3 28.2	658	135	
2199	9½	10 30 27.41	53 53 18.1	564	190	
	9½	27.56	18.6	613	4	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2200	9	10 30 27.76	51 24 33.4	569	243	
	9	27.83	34.9	597	58	
2201	9½	30 27.99	62 0 54.7	208	81	
2202	8½	30 28.53	30 41 56.4	673	19	
	8	28.71	58.5	213	55	
2203	9	30 29.45	48 29 10.5	666	81	
2204	8	30 32.08	26 5 10.7	228	66	
	8	32.13	10.5	665	49	
	8	32.25	10.3	664	86	
2205	8½	30 32.51	46 27 5.4	217	70	
2206	8	30 33.67	35 43 11.2	275	116	
2207	9½	30 33.69	51 2 29.0	569	240	
2208	9	30 34.05	32 10 59.9	660	161	
2209	10	30 35.32	42 35 36.6	278	71	
2210	8½	30 35.75	53 36 41.2	564	191	p
2211	9½	30 35.76	35 36 32.8	275	117	
2212	9	30 36.42	76 15 43.7	173	81	
2213	8½	30 37.46	46 50 8.5	217	72	
2214	9	30 38.39	31 11 9.5	223	39	
	8½	38.47	7.3	213	54	
2215	7½	30 38.49	48 35 3.3	219	62	
	7½	38.58	3.3	666	80	
2216	8	30 38.66	63 29 15.4	205	63	s.pr.
2217	8½	30 39.07	30 54 14.9	223	38	
	8½	39.10	12.6	673	20	
	8½	39.29	14.3	213	56	
2218	8	30 39.17	63 29 17.2	600	66	
2219	9	30 39.32	48 9 55.0	662	128	
2220	9	30 39.49	49 29 46.7	594	73	
2221	8½	30 40.34	49 19 61.1	666	82	
	8½	40.44	58.2	219	61	
2222	8½	30 40.58	64 33 18.9	600	65	
2223	9	30 41.26	63 28 57.4	600	67	n.sq.
	8½	41.32	54.5	205	64	
2224	9	30 41.29	46 32 7.9	217	71	
	9	41.34	5.6	217	68	
2225	8	30 43.49	50 46 53.0	594	74	
2226	7	30 44.97	28 7 29.3	670	34	
	8	45.04	30.7	231	59	
2227	8½	30 46.54	75 23 32.2	173	80	
2228	9½	30 46.68	68 32 48.4	573	116	
2229	9	30 47.12	44 47 40.6	279	118	
2230	5	30 47.52	56 54 38.4	585	112	
	5	47.61	36.1	581	97	
2231	9	30 48.29	61 2 58.5	604	7	
	9	48.41	59.8	210	191	
2232	9½	30 48.46	53 38 43.0	259	252	
	8½	48.65	46.1	564	192	
2233	9½	30 49.11	55 11 35.9	237	71	
2234	9	30 49.80	66 31 7.8	626	1	
	9	49.83	7.7	591	66	
	9	49.90	7.4	591	68	
	9	49.92	7.6	195†	16	
2235	7	30 50.54	27 0 35.2	231	60	
2236	7	30 51.97	32 37 27.0	660	162	
2237	9½	30 53.39	52 23 38.1	610	7	
2238	9½	30 54.16	66 9 8.1	591	67	
2239	9	30 54.57	70 31 9.0	577	63	
2240	7½	30 56.19	57 32 45.0	585	116	
2241	8½	30 57.01	63 34 27.7	205	65	
	9	57.02	28.4	600	68	
2242	8½	30 57.26	31 1 19.5	213	57	
	8½	57.27	22.6	223	40	
	8½	57.27	20.0	673	22	
2243	9	10 30 57.41	53 18 8.4	256	214	
	9½	57.44	7.7	259	251	
	9	57.56	8.8	571	210	
	9	57.57	8.4	610	8	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2244	9½	10 30 57.48	66 45 19.4	195†	15	
2245	7½	30 58.14	57 35 53.0	585	114	red
2246	9	30 59.31	63 20 39.7	205	62	
2247	8½	30 59.99	51 13 25.9	597	60	
	8½	60.37	27.2	569	244	
2248	9	31 0.65	52 19 44.7	562	218	
	9½	0.72	44.5	562	219	
2249	8½	31 1.44	69 42 22.8	577	64	
	8	1.57	21.3	176	61	
2250	7½	31 2.11	47 12 9.9	219	63	
	8	2.19	11.6	662	131	
2251	9	31 2.19	25 0 56.6	664	88	
2252	7½	31 3.51	57 34 38.3	585	113	
2253	9½	31 4.12	53 13 54.0	571	211	
2254	8½	31 4.36	68 56 26.0	573	117	
	9	4.82	25.6	577	65	
2255	9	31 4.48	49 29 59.2	594	75	
2256	9	31 4.93	26 1 43.2	664	87	
	9	4.95	43.4	665	50	
2257	8	31 5.10	47 15 46.4	662	132	
	7½	5.26	44.9	219	64	
2258	10	31 6.64	59 28 17.5	269	157	
	9½	6.79	17.1	269	154	
2259	9½	31 6.96	58 22 22.0	579	144	
2260	9½	31 7.08	54 47 1.6	234	76	
2261	8½	31 7.21	69 42 24.7	577	67	
2262	8½	31 9.15	37 48 29.5	606	126	
2263	10	31 9.78	48 6 4.8	662	129	
2264	8½	31 9.90	71 49 36.1	202	60	
2265	8½	31 11.73	57 34 32.9	585	115	
2266	8½	31 14.08	59 23 33.5	269	158	
2267	9½	31 14.98	56 5 7.6	237	70	
2268	9	31 16.99	63 38 37.8	600	69	
2269	9	31 19.14	34 2 55.3	587	132	
	9	19.18	56.9	660	163	
2270	8½	31 19.43	34 15 24.2	587	133	
	9	19.66	22.8	274	92	
2271	9	31 20.65	28 31 24.5	670	35	
2272	5	31 21.82	26 45 54.1	228	67	
	5½	21.83	55.2	665	52	
2273	8½	31 22.21	57 34 12.5	585	117	
2274	10	31 23.32	26 32 19.6	665	51	
2275	7	31 23.38	68 42 13.9	176	63	
	7	23.51	15.6	573	118	
2276	9½	31 24.12	60 46 45.3	210	192	
2277	8	31 25.38	46 36 22.2	217	73	
2278	7	31 26.33	31 6 52.1	673	21	
	7	26.36	52.5	213	58	
	7	26.51	55.9	223	41	
2279	9½	31 26.48	60 14 45.0	272	126	
2280	7½	31 27.14	40 41 34.4	619	173	
2281	9	31 27.78	61 12 56.9	604	8	
	9	27.85	56.8	210	190	
	8½	27.88	58.1	672	2	
2282	9	31 27.91	24 24 56.5	664	91	
	9	27.93	54.5	226	71	
2283	9½	31 29.13	51 27 17.8	597	63	
2284	9	31 29.31	54 43 8.8	234	77	
2285	9½	31 30.35	48 2 27.8	662	130	
2286	9½	31 30.89	31 6 36.7	223	42	
	9½	30.92	33.6	213	59	
	9½	31.02	34.3	673	23	
2287	8½	31 31.90	59 32 1.7	269	156	
2288	9½	31 33.08	54 27 38.6	658	136	
	9½	33.24	41.8	234	78	
2289	9½	31 33.10	40 14 6.0	619	175	
2290	10	10 31 34.22	52 35 3.8	256	215	
	9½	34.45	4.0	610	9	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2291	9	10 31 34.32	49 10 24.5	666	83	
2292	8½	31 36.57	29 20 8.3	670	36	
	8½	36.62	8.5	213	60	
2293	9	31 37.63	43 2 32.9	278	72	
	8	37.63	35.4	279	121	
2294	9	31 38.84	25 56 7.0	228	68	
	9½	39.00	6.4	665	53	
2295	9½	31 39.03	68 39 23.4	573	119	
2296	9½	31 39.26	42 7 38.0	278	73	
2297	8½	31 39.45	58 23 16.9	263	137	
	8½	39.46	13.4	579	146	
2298	9	31 39.61	24 12 32.7	226	72	
	9	39.85	33.2	664	89	
2299	5½	31 39.94	58 54 53.9	677	1	
	6	40.26	54.7	269	159	
2300	8½	31 40.64	63 35 43.6	600	70	
	8½	40.66	41.6	205	66	
2301	9½	31 40.66	58 18 16.9	263	135	dpl. II. sq.
	9	40.91	16.5	579	145	
2302	9½	31 41.44	42 2 14.6	278	74	
2303	9½	31 41.86	66 24 32.4	626	2	
	9½	42.03	39.3	195†	17	
	9½	42.05	31.1	591	69	
	9½	42.28	34.7	195†	18	
2304	9	31 43.24	60 21 52.3	272	127	
2305	8	31 44.79	27 25 13.1	665	54	
	8	44.93	11.6	231	61	
2306	9	31 46.42	54 34 12.9	234	79	
	8½	46.44	11.4	613	5	
	8½	46.54	12.1	658	137	
2307	9	31 47.54	33 31 41.7	660	164	
	9	47.61	42.2	587	136	
2308	8	31 48.71	50 13 45.7	594	76	
2309	8	31 49.86	44 49 59.3	217	74	
	8	49.88	56.8	279	119	
2310	7	31 49.96	58 32 31.8	675	1	
	7	50.01	32.1	579	148	
2311	9½	31 50.31	74 12 29.9	202	62	
2312	9	31 51.20	54 40 39.2	234	81	
	8½	51.23	41.7	613	6	
	8½	51.26	40.5	658	139	
2313	8	31 51.24	69 10 15.2	577	66	
	8	51.27	12.4	176	62	
2314	9½	31 52.03	24 21 41.9	664	90	
	9	52.25	42.7	226	73	
2315	9	31 53.53	34 14 40.9	587	134	
	9½	53.60	40.8	274	93	
2316	9	31 54.31	43 34 28.4	279	120	
2317	8	31 55.17	28 26 58.1	670	37	
2318	9	31 55.22	36 57 13.9	606	127	
	8½	55.32	11.1	275	119	
2319	8	31 56.18	58 42 25.8	677	3	
	9	56.29	27.8	579	150	
2320	8	31 56.38	53 35 23.3	564	193	
	8½	56.48	22.3	259	253	
	8½	56.50	23.4	259	256	
	8	56.51	24.3	613	8	
2321	7½	31 56.81	58 31 11.7	675	2	
	8	57.08	11.0	579	147	
2322	9½	31 56.91	62 33 41.8	630	2	
2323	7½	31 57.07	42 52 29.8	279	122	
	7½	57.19	32.1	278	75	
2324	8	31 58.25	47 14 21.4	662	133	
	7½	58.36	21.4	219	65	
2325	8	31 59.08	58 39 38.0	677	2	
2326	7	10 32 1.24	35 4 14.4	274	94	
	7	1.24	15.9	587	135	
	7	1.32	14.1	275	118	
2327	4	10 32 3.03	47 34 36.6	662	134	
	4½	3.32	36.5	219	66	
2328	9½	32 3.64	27 20 16.3	231	62	
2329	9½	32 4.17	52 27 56.1	256	216	
	9½	4.24	52.3	562	220	
	9	4.36	57.5	610	10	
2330	8	32 4.99	48 35 55.2	666	84	
2331	9½	32 5.79	40 14 25.1	619	174	
2332	9	32 9.00	57 58 51.5	263	139	
2333	9	32 9.91	56 12 52.2	581	98	
2334	9	32 10.62	54 32 50.7	259	257	
	8½	10.71	50.0	613	7	
	8½	10.73	49.3	658	138	
	8½	10.78	50.9	234	80	
2335	9	32 11.35	51 7 15.4	569	245	
	9½	11.37	15.3	597	65	
2336	9½	32 12.32	33 19 50.2	660	165	
	9	12.47	47.4	587	137	
2337	9	32 13.91	45 16 13.5	217	75	
2338	7	32 14.41	53 12 24.6	564	194	
	7	14.42	25.4	610	11	
	7	14.44	24.3	259	255	
	7	14.45	23.7	571	212	
	7	14.49	23.5	256	217	
	7	14.50	24.1	613	9	
2339	9	32 14.53	51 9 40.0	569	246	
	9½	14.67	39.1	597	64	
2340	9	32 15.84	53 14 31.0	256	219	
	9½	15.98	29.4	259	254	
	9	15.99	30.3	564	195	
	9	16.18	30.0	571	213	
	9	16.23	30.3	613	10	
	9	16.34	32.1	610	13	
2341	9½	32 16.66	66 30 23.0	626	3	
	9½	16.81	23.3	591	70	
	9½	16.91	25.4	195†	19	
2342	8½	32 19.32	52 58 5.8	571	215	
2343	9	32 19.70	58 19 1.4	263	136	
2344	9½	32 23.91	55 16 17.6	234	72	
2345	8½	32 24.17	62 26 33.4	630	4	
	9	24.20	32.9	630	3	
2346	9½	32 25.70	46 39 35.0	217	76	
2347	9½	32 29.63	68 44 8.6	176	64	
	9½	29.64	11.6	573	120	
2348	9½	32 30.50	32 36 2.3	660	166	
2349	9½	32 31.13	38 53 52.4	619	177	
2350	9	32 32.43	58 35 27.6	675	4	
2351	9½	32 32.73	57 58 44.9	263	141	
2352	8½	32 35.94	23 53 10.5	664	92	
	8½	36.11	12.8	226	74	
2353	9	32 35.98	27 27 44.2	665	55	
	9	36.06	44.7	231	63	
2354	9½	32 36.40	25 26 31.0	228	69	
	9	36.64	29.8	664	93	
2355	9	32 36.60	57 58 27.5	263	140	dpl. II. pr.
2356	9	32 37.45	27 33 11.7	665	56	
	9	37.52	14.2	231	64	
2357	8½	32 38.10	58 31 51.6	675	3	
	9	38.11	51.4	579	149	
2358	9½	32 39.47	74 25 19.8	202	63	
2359	8½	32 40.68	40 25 3.4	619	176	
2360	9½	32 40.89	48 5 19.3	662	136	
2361	6½	32 41.53	58 5 4.0	263	138	
2362	8	32 42.04	43 15 28.1	279	123	
2363	9	32 44.85	58 27 55.4	675	6	
2364	9	32 45.02	73 57 7.5	202	61	
2365	8½	32 45.35	70 4 45.0	577	70	
2366	9	10 32 46.62	50 2 15.0	594	77	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2367	9	10 32 48.68	53 16 15.8	564	196	
	9	48.79	13.6	256	220	
	9	48.88	14.6	571	214	
	9	48.90	14.7	256	218	
	9	48.91	16.8	610	12	
	9	49.00	16.1	613	11	
2368	8	32 51.87	43 47 15.9	279	124	
2369	9½	32 53.12	61 0 31.7	604	10	
	9½	53.21	31.4	210	195	
2370	8	32 56.00	61 28 46.3	672	3	
2371	9	32 56.19	58 28 59.7	675	5	
2372	9½	32 56.56	54 59 18.5	234	82	
2373	8½	32 56.93	48 21 59.7	666	85	
	8½	56.97	62.1	219	68	
	8½	57.00	60.7	662	135	
2374	9½	32 58.02	63 0 1.9	205	68	
2375	9	32 58.30	69 55 35.6	577	69	
2376	9½	32 58.37	54 51 58.6	234	83	
2377	9½	32 58.48	59 23 33.3	269	161	
2378	9	32 59.82	60 9 28.7	272	128	
2379	9	33 0.60	31 4 45.6	673	24	
	9	0.65	47.7	213	61	
	9½	0.67	48.6	223	43	
2380	9	33 1.02	33 50 9.8	274	95	
2381	8½	33 3.77	60 58 45.9	604	9	
	8½	3.85	46.4	210	196	
2382	8½	33 4.36	57 55 33.0	263	143	
2383	7	33 5.75	75 39 40.9	173	86	
2384	9½	33 7.28	52 44 18.2	562	221	
2385	10	33 9.24	74 22 2.1	202	64	
2386	9½	33 9.69	62 29 15.3	630	7	
	9½	9.74	16.4	630	5	
2387	9	33 9.69	56 10 4.5	237	73	
	8½	9.94	2.5	581	99	
2388	9½	33 10.32	66 38 8.9	195†	20	
	9½	10.40	8.0	626	4	
	9½	10.42	9.3	591	72	
	9½	10.83	11.4	591	71	
2389	6½	33 11.28	56 36 22.2	581	102	
2390	8½	33 13.32	36 56 23.9	606	128	
	8½	13.35	21.9	275	120	
2391	7½	33 13.58	25 11 56.7	664	94	
	7½	13.60	57.4	228	70	
	7½	13.81	55.9	226	75	
2392	9	33 14.31	62 58 54.4	205	67	
2393	9	33 14.37	58 45 13.1	677	4	
2394	9	33 14.49	47 24 42.1	662	137	
	8½	14.75	41.9	219	67	
2395	8	33 14.96	40 1 16.3	619	178	
	8	15.03	16.8	616	1	
2396	9½	33 14.97	59 22 59.2	269	160	
2397	8½	33 16.18	26 1 21.6	664	96	
	9	16.23	18.5	665	57	
2398	9	33 16.25	56 54 37.9	585	119	
2399	9	33 18.04	58 46 16.9	677	5	
2400	8½	33 18.06	42 44 42.6	278	76	
2401	9	33 18.84	51 50 22.4	569	247	
	9	19.19	20.8	562	224	
2402	9½	33 18.90	56 2 22.1	237	74	
2403	9½	33 18.96	64 43 28.3	600	71	dpl.
2404	9	33 18.97	49 3 36.1	666	87	
2405	8½	33 19.15	34 5 25.3	660	167	
	8½	19.27	25.3	587	138	
2406	8	33 19.24	58 25 31.4	675	7	
2407	9	33 19.27	51 50 25.6	610	15	
2408	9	33 20.21	59 29 50.3	269	163	
2409	9	33 20.78	60 37 28.1	210	193	
	9	20.93	31.4	604	12	
2410	6½	33 21.21	42 6 10.8	278	78	
2411	8	10 33 21.82	42 3 54.9	278	77	
2412	9½	10 33 22.79	36 6 43.2	275	122	
2413	9	33 23.62	56 19 41.7	581	101	
2414	9	33 24.60	29 14 33.4	670	38	
	9	24.72	35.2	213	62	
2415	8½	33 25.30	33 17 35.8	587	139	
	8	25.32	34.1	660	168	
	8½	25.58	35.4	274	97	
2416	9	33 25.44	60 52 50.7	210	197	
	9½	25.61	51.5	604	11	
	9	25.62	49.6	210	194	
2417	9½	33 26.31	32 19 11.6	223	44	
2418	8	33 26.89	75 8 41.7	202	65	
2419	9½	33 27.70	26 9 47.3	665	58	
2420	9	33 27.91	25 39 3.1	228	71	
	8½	28.16	4.3	664	95	
2421	9	33 27.95	54 30 36.1	658	140	
2422	8	33 28.29	59 53 56.9	272	132	
	8½	28.30	56.7	272	129	
	9	28.43	57.7	269	165	
2423	9	33 28.45	56 15 45.3	581	100	
2424	8	33 28.86	49 5 29.3	666	86	
2425	9	33 28.88	52 42 0.1	562	222	
2426	9½	33 30.69	48 58 28.1	666	88	
2427	8½	33 30.77	27 18 0.0	665	59	
	9	30.81	0.4	231	65	
2428	8½	33 32.62	50 18 20.9	594	78	
2429	9½	33 33.11	40 33 33.4	619	179	
2430	9	33 33.37	53 17 6.0	256	221	
	9	33.50	6.9	610	14	
	9	33.56	6.1	564	197	
	9	33.64	6.2	613	12	
2431	8½	33 33.85	46 0 20.0	217	77	
2432	8	33 34.28	68 42 46.9	176	65	
	8	34.51	47.4	573	121	
2433	9	33 35.23	54 48 3.7	234	84	
2434	9½	33 35.56	58 7 0.3	263	142	
2435	9	33 35.79	57 2 49.1	585	121	
2436	8½	33 36.27	56 47 19.8	585	118	
	8½	36.47	22.9	581	104	
2437	7	33 36.60	36 1 36.4	275	121	
2438	9	33 36.76	53 28 51.4	564	198	
2439	8½	33 37.27	52 6 51.0	562	223	
	8½	37.36	50.1	569	248	
	8	37.41	51.1	597	66	
	8½	37.65	52.2	610	16	
2440	7½	33 37.58	71 2 34.7	577	72	
2441	9	33 38.01	54 50 8.8	234	88	
2442	7½	33 38.36	62 24 19.3	630	6	
	8	38.71	19.1	208	82	
2443	8½	33 38.76	44 11 57.6	279	125	
2444	8	33 40.29	36 47 21.7	275	124	
2445	9	33 40.85	38 36 34.5	606	129	
2446	8½	33 40.98	32 9 44.6	673	25	
	8	41.03	44.1	660	169	
	8½	41.10	45.8	223	45	
2447	9½	33 42.06	59 27 29.9	269	162	
2448	9	33 42.09	48 30 32.3	666	90	
2449	8	33 42.26	70 11 25.0	577	71	
2450	8½	33 42.61	69 47 0.5	577	68	
2451	8½	33 43.35	56 54 43.5	585	120	
2452	9	33 43.47	23 1 48.7	226	76	
2453	8½	33 45.78	56 58 9.3	585	122	
2454	9	33 46.08	52 48 48.0	571	218	
2455	9½	33 47.46	53 31 17.0	564	199	
2456	8	33 48.47	52 57 10.8	571	216	
	8	48.56	9.5	256	222	
	8	48.68	11.2	610	17	
2457	9	33 49.21	50 37 32.3	594	79	
2458	9½	10 33 49.70	51 47 31.9	562	225	
	9½	49.70	33.0	569	249	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2459	9	10 33 49.75	54 59 30.0	234	85	
2460	8½	33 51.77	58 28 27.9	579	155	
	9	51.86	29.7	675	9	
2461	9	33 52.92	61 38 10.1	672	5	
2462	8½	33 53.87	48 39 40.7	219	72	
	9	53.99	39.0	666	89	
2463	9	33 56.87	25 0 43.6	664	97	
2464	9½	33 58.11	29 9 24.3	670	39	
2465	4½	33 58.45	77 57 33.3	173	84	
2466	5½	33 59.86	58 31 57.5	675	8	s. pr. red
	5	59.90	55.8	579	153	
2467	7½	34 0.12	64 23 31.9	600	72	
2468	9½	34 0.24	58 4 25.7	263	144	
2469	7	34 0.45	58 36 42.7	677	6	
	7	0.54	44.4	579	151	
	7	0.65	43.5	675	12	
2470	8½	34 0.46	58 31 43.3	579	154	n. sq.
	9	0.52	41.7	675	10	
2471	8	34 1.01	22 58 21.5	226	77	
2472	8	34 1.32	54 27 47.2	259	258	
	7½	1.36	46.6	658	141	
	7½	1.39	48.1	613	13	
2473	8	34 1.85	39 18 34.5	616	2	
	8½	1.92	36.8	619	181	
2474	9	34 2.14	39 36 44.1	616	3	
2475	8	34 3.24	36 46 55.1	275	123	
2476	9½	34 4.52	37 53 21.3	606	130	
2477	9	34 5.08	32 5 3.2	660	171	
	9	5.18	3.7	673	26	
	9½	5.19	4.5	223	46	
2478	10	34 5.71	46 2 52.0	217	78	
2479	8½	34 6.80	56 56 25.1	585	123	
2480	7½	34 7.42	32 57 44.2	587	140	
	7½	7.54	42.8	660	170	
	8	7.58	41.6	274	96	
2481	8½	34 8.64	57 7 39.8	585	124	
2482	8	34 9.59	54 12 35.9	259	259	
	7½	9.71	39.8	613	14	
	7½	9.72	37.7	658	143	
2483	9	34 12.11	50 38 48.7	597	67	
	9	12.22	48.5	594	81	
2484	8	34 12.17	58 37 8.2	675	11	
	8	12.35	4.4	677	7	
	7½	12.35	4.4	579	152	
2485	8	34 12.20	42 53 49.8	279	126	
2486	9½	34 12.96	36 59 31.9	275	125	
2487	7	34 13.62	58 9 60.1	579	156	s. pr. red
	7	13.74	63.3	675	14	
	6½	13.80	59.4	263	145	
	6½	13.85	60.7	621	1	
2488	9	34 13.76	62 55 19.3	205	70	
	9½	13.94	21.3	208	83	
2489	9	34 15.19	48 22 49.7	662	138	
	9	15.32	51.2	666	91	
	9	15.47	49.7	219	69	
2490	9½	34 15.21	24 3 19.2	664	99	
2491	8	34 15.23	41 45 2.2	278	79	
2492	9	34 16.07	58 9 54.8	263	146	n. sq.
	9	16.13	55.8	621	2	
2493	9½	34 16.18	29 11 13.5	670	41	
	10	16.25	11.5	213	64	
2494	9	34 17.38	29 12 19.9	670	40	
	9½	17.68	20.9	213	63	
2495	9	34 18.79	54 8 55.5	658	142	
2496	9	34 18.80	62 5 49.7	630	9	
	9	18.93	52.4	672	8	
	9½	19.08	49.3	208	85	
2497	9½	34 18.86	58 7 2.7	263	147	
2498	5	34 20.23	54 57 8.5	234	87	
2499	9½	10 34 20.98	40 24 39.5	619	180	
2500	8½	10 34 23.30	61 38 22.9	672	4	
2501	10	34 25.35	46 3 30.2	217	79	
2502	7½	34 25.97	54 57 19.4	234	86	
2503	9	34 26.14	24 1 33.0	664	98	
2504	9	34 26.39	59 41 20.8	269	164	
	9	26.40	23.6	272	130	
2505	8	34 27.10	48 20 43.9	666	92	
	8	27.21	45.0	662	139	
	8	27.31	47.1	219	70	
2506	9½	34 27.40	52 49 53.8	256	223	
	9	27.53	54.3	571	217	
2507	9	34 29.59	56 40 6.9	581	103	
	8½	29.83	8.1	585	125	
2508	9	34 30.50	50 27 55.3	594	80	
	9	30.64	53.3	594	82	
2509	8	34 31.12	61 8 30.8	604	13	
	8	31.27	30.3	679	1	
2510	9	34 32.72	34 13 35.4	587	141	
2511	9½	34 33.01	47 42 56.4	662	140	
2512	9	34 36.22	43 34 12.1	279	127	
2513	7½	34 36.35	68 37 23.6	176	67	
	8	36.54	23.7	573	122	
2514	8½	34 37.33	40 5 26.4	616	5	
2515	9	34 39.19	42 25 44.5	278	80	
2516	8½	34 39.45	29 5 44.8	231	66	
	8½	39.52	45.8	670	42	
	8½	39.63	47.0	213	65	
2517	10	34 39.97	54 6 57.2	658	145	
2518	9½	34 41.75	55 51 24.4	237	75	
2519	7	34 42.05	48 37 44.3	666	93	red
	7	42.41	46.0	219	71	
2520	9	34 42.11	63 0 44.5	205	73	
	9	42.32	40.8	205	69	
2521	9½	34 42.55	60 30 4.4	604	16	
	9	42.92	6.0	272	133	
2522	9½	34 42.69	46 26 55.0	217	80	
2523	8½	34 43.95	62 6 2.0	630	8	
	8½	44.06	3.0	672	7	
	9	44.20	1.3	208	84	
2524	8	34 43.98	64 19 27.5	600	73	
2525	8½	34 44.20	56 48 36.1	585	126	
	8½	44.43	35.2	581	105	
2526	9½	34 44.52	54 9 48.0	613	15	
	9½	44.61	46.4	658	144	
2527	9	34 45.31	40 1 57.4	616	4	
	9	45.32	57.3	619	183	
2528	9½	34 45.50	39 16 57.4	619	182	
2529	7½	34 47.35	60 26 2.0	604	15	
	8	47.73	0.8	272	134	
2530	7½	34 47.46	51 37 56.8	569	251	
2531	9	34 48.26	78 8 7.0	173	85	
2532	9	34 48.38	59 42 37.6	272	131	
2533	8	34 48.67	44 24 10.9	279	129	
2534	7	34 49.62	51 37 59.0	597	68	
2535	8½	34 49.73	53 5 57.7	564	200	
	8½	49.80	57.5	610	18	
	9	49.96	56.5	259	260	
	8½	49.99	58.2	613	16	
2536	8	34 50.17	69 39 33.5	577	73	
	8	50.22	33.8	176	70	
2537	7	34 50.58	60 20 4.7	272	135	
2538	9	34 50.65	52 45 44.2	571	220	
	9½	50.79	45.9	256	225	
	9	50.91	44.3	610	21	
2539	9	34 51.04	52 37 39.5	562	226	
2540	8	34 52.15	26 8 2.7	664	100	
	8	52.16	0.9	228	72	
	8	52.31	0.2	665	60	
2541	9	10 34 52.47	68 53 6.9	573	124	
	9½	52.81	5.6	176	66	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2542	9	10 34 53.41	52 48 25.3	256	224	
	8½	53.47	24.3	571	219	
2543	7½	34 53.90	46 30 28.1	217	81	
	7½	53.95	33.9	217	83	
2544	9	34 55.29	31 16 28.2	673	27	
	9	55.29	33.6	223	47	
2545	8	34 55.86	61 37 20.2	672	6	
	8½	55.91	22.3	679	2	
2546	9½	34 58.01	60 56 21.8	604	14	
2547	8½	34 59.13	55 37 34.5	237	78	
2548	8	34 59.27	29 5 37.0	231	67	
	8½	59.35	39.1	670	43	
	8	59.42	39.7	213	66	
2549	9	34 59.69	40 19 34.4	616	6	
2550	8½	34 59.71	63 7 37.8	205	71	
2551	10	35 0.32	46 31 6.0	217	82	
2552	9	35 0.43	33 39 22.2	587	142	
	9	0.63	21.2	680	1	
2553	9	35 2.56	58 19 59.7	675	16	
	9	2.75	59.2	621	3	
2554	9	35 2.92	60 38 28.8	604	18	
2555	9	35 3.54	68 48 21.1	573	125	
	9½	3.56	21.2	176	68	
2556	9½	35 4.63	67 7 59.6	573	123	
2557	9½	35 4.70	52 2 23.0	597	69	
2558	9½	35 6.22	58 39 53.9	677	8	
	9½	6.51	54.4	675	13	
2559	9	35 8.80	63 2 25.3	205	72	
2560	9	35 8.97	35 56 13.8	275	126	
2561	6½	35 9.18	35 5 21.3	274	98	
2562	8½	35 10.26	49 26 54.8	219	75	
2563	8	35 10.34	37 10 52.9	606	131	
2564	10	35 11.09	31 12 38.1	223	48	
	9½	11.35	37.7	673	28	
2565	9	35 11.40	55 55 23.2	237	76	
	9	11.77	23.6	581	107	
2566	9	35 11.59	31 54 23.2	660	172	
2567	9	35 11.64	54 45 5.0	234	89	
2568	8½	35 11.91	60 20 40.6	272	136	
2569	9	35 12.01	64 25 56.5	600	74	dpl. I. pr.
2570	8½	35 12.14	43 6 15.9	279	130	
	8	12.15	16.0	278	81	
2571	8½	35 12.67	66 0 28.7	591	73	
	8½	12.72	29.9	626	5	
2572	8½	35 13.50	48 19 57.5	666	95	
	8½	13.57	57.2	219	74	
	8½	13.62	56.0	662	141	
2573	9	35 16.49	66 25 52.2	195†	21	
	9	16.52	54.2	591	74	
	9	16.60	52.7	626	7	
2574	8½	35 17.40	48 51 24.8	666	96	
2575	9	35 17.65	51 42 33.4	569	250	
2576	9	35 18.27	79 38 51.6	173	90	
2577	8	35 18.34	66 30 49.7	626	6	
	8	18.57	50.2	195†	22	
	8	18.67	50.1	591	75	
2578	9	35 19.80	49 20 3.7	219	76	
2579	8½	35 24.53	50 20 19.9	594	83	
2580	9½	35 24.94	55 35 18.0	237	80	
2581	9	35 25.04	27 28 52.7	231	68	
	8	25.15	52.7	665	62	
2582	9½	35 27.86	55 56 25.1	237	77	
	9½	27.87	25.0	581	108	
2583	8½	35 28.17	59 9 3.9	269	167	
2584	8½	35 29.11	53 2 35.4	610	19	
2585	7	35 30.55	47 22 20.9	662	143	
2586	9	35 31.29	31 11 6.8	223	49	
	8½	31.29	7.1	673	29	
2587	9	35 32.39	44 24 33.5	279	128	
2588	9	10 35 34.29	56 2 58.6	581	106	
2589	9	10 35 34.94	47 30 19.0	662	145	
2590	9	35 35.59	52 44 10.2	571	222	
	9	35.78	10.9	610	23	
2591	8½	35 35.88	29 52 54.7	213	67	
	9	35.92	53.2	670	44	
	9	35.96	54.7	673	31	
2592	9½	35 36.48	58 17 51.5	263	149	
	10	36.77	53.0	621	4	
2593	9	35 36.82	40 5 17.7	619	184	
	9	36.90	18.3	616	7	
2594	9	35 37.20	55 39 16.5	237	79	
2595	9	35 37.72	26 25 38.1	228	73	
	9	37.83	37.4	665	61	
2596	9½	35 38.19	59 18 29.8	269	168	
2597	8	35 39.42	56 31 37.5	581	109	
2598	9½	35 39.73	51 9 10.0	569	252	
2599	8½	35 41.10	48 19 57.3	662	142	
	8½	41.12	56.5	666	94	
	8½	41.17	57.4	219	73	
2600	8½	35 42.00	60 32 10.0	604	17	
2601	8	35 43.75	52 43 24.7	562	227	
	8	43.75	26.0	610	20	
	8	43.90	23.6	571	221	
2602	8	35 43.98	33 2 55.3	587	143	
	8	44.04	55.0	660	173	
	8½	44.14	58.2	223	50	
	8	44.18	53.7	680	2	
2603	8½	35 45.00	52 36 48.1	610	22	
	8½	45.32	48.1	571	223	
2604	9	35 46.83	59 7 36.7	677	10	
	9½	46.97	33.9	269	166	
2605	7	35 47.70	35 4 41.2	587	144	
	7	47.83	41.4	274	99	
	7	47.85	39.8	275	127	
2606	9	35 47.73	42 38 12.0	278	83	
2607	9½	35 48.33	69 22 2.6	577	74	
2608	8½	35 48.52	58 53 28.4	677	9	
	8½	48.53	30.1	269	170	
	8	48.61	28.0	579	158	
2609	8½	35 50.32	47 22 55.1	662	144	
2610	8	35 51.65	25 12 43.2	228	75	
	8½	51.73	42.6	664	101	
	8½	51.76	42.0	226	78	
2611	6½	35 51.84	64 26 55.0	600	75	
2612	9½	35 51.84	62 27 48.3	630	11	
	9	52.—	49.3	672	9	
2613	9	35 52.67	51 25 59.9	597	70	
2614	8½	35 53.41	30 5 50.4	673	30	
	8½	53.41	50.5	670	45	
	8	53.51	51.3	213	68	
2615	9½	35 54.00	65 29 12.1	626	8	
2616	9	35 56.26	50 35 46.5	594	84	
2617	7½	35 56.41	25 23 35.4	664	102	
	7½	56.43	34.9	228	74	
2618	9	35 57.73	24 35 32.3	664	103	
2619	9½	35 59.48	43 7 26.1	278	82	
2620	9½	35 59.92	62 19 57.7	630	10	
	10	60.10	60.3	208	86	
2621	9	36 3.75	72 54 30.3	202	69	
2622	8½	36 6.76	56 56 53.5	585	130	
2623	8½	36 7.85	58 14 11.1	263	148	
	8½	7.96	10.5	675	17	
	8½	8.04	9.3	675	15	
	9	8.09	8.7	579	157	
	8½	8.12	12.7	621	5	
2624	9½	36 8.54	55 15 52.6	234	90	
2625	9	36 9.18	61 26 47.9	679	3	
2626	8½	36 9.71	56 40 49.3	581	111	
	8½	9.80	50.9	585	127	
2627	8	10 36 10.21	56 36 14.1	581	110	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2628	9½	10 36 11.97	55 17 18.3	234	91	
2629	9½	36 14.07	57 55 1.4	263	150	
2630	8	36 15.20	52 48 30.7	571	224	
	8	15.29	31.1	610	25	
2631	7	36 15.62	74 30 19.5	202	66	
2632	9	36 15.72	34 24 50.3	274	100	
	9	15.77	50.8	587	145	
2633	9½	36 15.75	39 54 45.0	616	9	
2634	9½	36 16.—	61 45 49.7	672	11	
2635	8	36 16.77	45 6 58.2	279	131	
	8	16.94	61.0	217	84	
2636	9½	36 17.20	42 14 11.5	278	84	
2637	9	36 18.54	48 51 19.3	666	97	
2638	6½	36 19.33	73 50 29.0	202	67	
2639	9	36 19.33	64 0 3.9	600	77	
2640	8	36 20.18	24 18 8.9	664	104	
2641	9½	36 20.92	34 16 40.2	274	101	
	9	20.95	38.4	587	146	
2642	8½	36 21.17	53 27 13.4	564	201	
	8½	21.50	14.0	613	18	
2643	8	36 21.21	58 35 41.0	675	19	
2644	8	36 22.36	40 2 18.4	616	8	
	8	22.40	19.4	619	185	
2645	8	36 23.27	33 3 21.9	660	175	
	8	23.37	25.0	223	52	
	8	23.47	24.6	680	3	
2646	9	36 23.70	52 48 8.2	571	225	
	9½	23.86	7.5	610	24	
2647	8½	36 24.46	58 29 58.6	675	21	
2648	8½	36 25.12	26 48 34.6	228	76	
	8	25.14	36.4	665	63	
2649	9½	36 25.92	70 15 5.4	577	75	
2650	9	36 27.02	56 52 22.1	585	129	
2651	7½	36 27.29	55 24 57.4	237	82	
2652	8	36 27.34	59 19 13.2	269	169	
2653	9	36 27.55	38 56 13.7	619	187	
	8½	27.56	11.1	606	132	
	9	27.82	11.3	616	10	
2654	9	36 27.63	33 3 6.9	223	51	
	9	27.77	4.0	660	174	
	9	27.88	8.1	680	5	
2655	9½	36 27.96	57 0 42.5	585	131	
2656	9	36 29.—	61 44 46.3	672	10	
	9½	29.75	47.5	679	4	
2657	10	36 30.94	66 19 29.1	195†	24	
	9½	31.02	29.1	626	10	
2658	9	36 31.—	61 36 21.0	672	12	
2659	7	36 31.00	59 1 25.0	579	160	
	7	31.31	24.4	677	11	
	7	31.49	26.4	269	171	
2660	9	36 32.90	38 42 44.6	606	134	
2661	9	36 33.53	72 32 14.9	202	71	
2662	9	36 34.21	55 26 33.0	237	81	
2663	9½	36 34.71	54 10 16.1	613	17	
2664	8½	36 34.95	39 2 29.0	606	133	
	9	35.08	29.7	619	186	
	8½	35.14	28.5	616	11	
2665	9	36 35.32	49 35 14.7	219	77	
	9	35.37	14.3	666	98	
	9	35.58	13.8	594	85	
2666	9½	36 35.47	35 25 44.4	275	129	
2667	9	36 35.61	42 13 29.0	278	86	
2668	9½	36 36.73	52 36 9.7	610	26	
2669	9	36 37.09	56 51 40.4	585	128	
2670	9	36 37.76	35 32 54.9	275	128	
2671	9½	36 38.27	31 12 54.0	673	33	
	9	38.50	51.3	213	69	
2672	9½	36 38.37	29 37 44.4	670	46	
2673	9	10 36 39.12	54 8 40.9	613	19	
2674	9	10 36 40.97	26 51 23.0	231	69	
	9	41.07	24.0	665	64	
2675	8	36 41.07	33 0 8.5	223	53	
	8	41.07	9.0	680	4	
	8	41.17	8.3	660	176	
	8½	41.18	8.5	274	102	
2676	9	36 41.62	66 58 1.4	176	69	
	9	41.86	1.6	591	76	
	9	41.91	3.5	626	11	
	9	41.92	3.2	176	73	
	9	41.92	0.3	195†	23	
	9½	42.02	4.0	573	126	
2677	9	36 41.80	58 25 13.8	675	20	
2678	7½	36 42.11	63 49 17.3	600	76	
2679	9	36 42.11	48 24 33.2	662	146	
	9	42.27	33.6	666	100	
2680	9	36 46.81	50 6 6.0	594	86	
2681	9	36 47.57	60 22 34.8	272	137	
2682	8	36 47.77	65 26 36.0	626	9	
	8	47.77	36.3	591	78	
2683	9	36 47.87	44 33 56.7	279	132	
2684	9	36 48.32	58 7 5.2	263	151	
	8½	48.32	6.1	621	6	
2685	9½	36 48.52	46 16 50.4	217	87	
2687	9½	36 49.36	38 51 32.1	616	12	
2688	9½	36 50.42	62 20 36.0	630	12	
2689	7	36 52.77	22 53 43.7	226	79	
2690	9	36 54.23	57 42 37.8	621	7	
2691	9½	36 54.75	49 31 55.1	219	78	
	9	54.82	52.9	666	99	
2692	9	36 55.61	46 21 27.8	217	86	
2693	6	36 55.72	32 3 41.3	660	177	
	6	55.73	45.4	223	54	
	6	55.76	41.5	680	6	
	6	55.82	41.2	673	32	
2694	8½	36 56.36	60 50 37.6	604	20	
2695	9	36 58.09	63 7 34.7	205	77	
	9	58.14	33.6	205	74	
2696	9½	36 58.67	50 54 21.3	594	88	
2697	9	36 58.79	61 5 42.6	604	19	
2698	8	36 59.35	46 33 57.3	217	85	
2699	8½	36 59.51	58 28 36.8	675	18	
	8½	59.63	40.0	675	22	
2700	9	37 2.94	53 4 3.7	610	28	
2701	8½	37 3.23	52 51 18.8	571	226	
	9	3.36	19.6	610	27	
2702	9½	37 4.74	63 55 39.5	600	78	
2703	8½	37 4.83	56 21 18.7	581	112	
2704	8½	37 5.25	44 36 23.8	279	133	dpl. I. s. pr.
2705	9½	37 6.42	60 41 48.8	604	22	
2706	9	37 7.56	24 50 34.7	664	106	
2707	9½	37 7.67	59 1 55.1	269	172	
	9	7.85	52.9	677	12	
2708	9	37 9.35	75 45 15.9	173	87	
2709	8½	37 10.66	78 51 31.1	173	89	
2710	9	37 12.47	43 44 33.3	279	134	
2711	8½	37 12.81	25 12 42.0	664	105	
	8½	12.94	43.1	226	80	
2712	9	37 13.05	60 46 3.2	604	21	
2713	9	37 13.51	51 32 39.2	597	71	
2714	9	37 15.85	60 24 43.8	272	138	
2715	9	37 15.92	35 50 53.7	275	130	
2716	9	37 17.98	27 53 20.1	231	70	
2717	9	10 37 18.00	58 54 12.9	579	161	
	8	18.05	13.0	579	159	
	8½	18.09	12.5	677	15	
	8½	18.10	11.4	677	13	
	9	18.21	13.7	269	174	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2718	9½	10 37 19.37	42 18 17.1	278	85	
2719	9	37 19.74	58 40 35.9	677	14	
	9	19.81	36.8	675	24	
2720	9	37 24.02	50 4 44.1	594	87	
2721	10	37 24.14	26 40 16.0	228	78	
2722	8	37 24.45	34 20 52.9	587	147	
	8	24.48	54.0	274	103	
2723	9	37 24.86	62 17 32.4	630	14	
	9½	24.87	34.2	208	88	
2724	9	37 25.38	63 14 45.1	205	75	
	9	25.45	44.2	205	78	
2725	8	37 25.55	26 38 36.2	228	77	
	8	25.61	36.6	665	65	
	8	25.64	39.6	665	67	
2726	9	37 26.07	51 18 17.3	597	72	
2727	7	37 28.42	31 6 14.0	213	70	
	7	28.50	14.0	673	34	
	7	28.59	17.5	223	56	
2728	8	37 29.30	26 8 47.8	665	66	
2729	7½	37 29.38	62 51 11.2	630	13	
	8	29.46	11.7	208	87	
	7½	29.51	11.5	630	17	
	8½	29.52	13.2	205	76	
2730	8½	37 29.98	28 53 48.5	670	47	
	8½	30.07	48.8	231	72	
2731	8	37 30.34	53 52 42.9	613	21	
2732	9½	37 30.86	36 18 27.4	275	132	
2733	8½	37 31.81	67 3 14.3	591	77	
	8½	31.87	17.5	626	12	
	8	31.95	15.4	195†	25	
	8	32.01	15.9	573	127	
	8	32.08	18.0	176	72	
2734	8	37 33.61	31 28 56.1	673	35	
	8	33.63	59.0	223	55	
2735	9	37 34.29	54 45 48.1	234	95	
	8½	34.29	47.5	234	92	
2736	9	37 36.13	58 0 14.2	263	152	
	9	36.36	17.2	621	9	
2737	9½	37 36.56	61 14 40.8	679	6	
2738	8½	37 37.02	67 14 48.1	195†	27	
	8½	37.03	48.1	573	128	
	8½	37.42	48.9	176	74	
2739	8	37 37.35	28 24 27.2	231	71	
	8	37.46	28.5	670	48	
2740	9	37 37.62	55 49 20.5	237	84	
2741	8½	37 39.17	24 25 55.9	664	107	
	8½	39.19	55.1	226	81	
2742	7	37 41.84	48 24 10.8	666	101	
	7	41.86	10.0	662	147	
	7½	41.87	12.7	219	80	
2743	8½	37 42.40	70 59 3.1	577	77	
	8½	42.53	0.9	176	71	
2744	9	37 42.94	36 8 45.5	275	131	
2745	9	37 44.13	58 56 15.2	677	16	
	9	44.22	14.7	269	173	
	9	44.34	11.6	579	162	
2746	7½	37 44.31	56 13 22.9	581	113	
2747	8	37 44.64	47 57 52.8	662	149	
2748	6	37 48.30	63 48 44.6	600	79	
2749	8	37 48.56	30 26 6.8	213	71	
	8	48.80	8.0	673	36	
2750	8	37 49.34	30 32 57.8	673	37	
	8	49.41	55.9	213	72	
2751	9	37 49.66	50 2 12.2	594	90	
2752	8	37 49.67	72 37 47.0	202	70	
2753	6½	37 50.92	58 33 38.6	675	23	
2754	9½	37 51.63	73 21 59.6	202	68	
2755	9	10 37 52.—	61 32 18.4	672	14	
	9½	52.15	19.1	679	8	
2756	9	10 37 53.12	32 45 20.8	587	148	
	9½	53.21	21.2	660	178	
2757	9	37 53.28	46 10 5.4	217	88	
2758	8½	37 54.01	55 54 9.8	581	116	
	9	54.03	10.0	237	83	
2759	8	37 54.—	61 32 42.8	672	13	
	8½	54.30	44.4	679	7	
2760	9	37 55.90	70 22 15.2	577	76	
2761	9	37 56.47	50 46 2.9	594	91	
	9	56.70	2.0	594	89	
2762	9½	37 57.20	52 13 54.5	597	73	
	9	57.34	55.5	610	30	
2763	7	37 57.48	38 24 12.2	606	135	
2764	9	37 57.51	57 39 11.7	263	154	
	8½	57.85	9.6	621	8	
2765	9½	37 58.05	60 33 27.4	272	140	
	9½	58.14	28.4	604	23	
2766	8	37 58.82	63 44 41.3	600	80	
2767	9	37 59.20	54 20 50.4	234	93	
	8½	59.37	51.3	613	20	
2768	9	38 0.80	53 58 26.4	613	22	
2769	8	38 0.84	53 35 11.1	613	23	
2770	9½	38 1.90	52 9 12.3	610	29	
	9½	1.96	11.6	597	74	
2771	9	38 4.21	60 28 22.9	272	139	
2772	8½	38 5.93	67 14 30.8	195†	26	
	8½	6.20	31.6	573	129	
	8½	6.32	32.9	176	75	
2773	9½	38 7.27	54 26 13.0	234	94	
2774	8½	38 7.79	48 47 55.2	666	102	
	8½	7.82	54.3	219	79	
2775	9	38 8.35	24 43 31.0	226	82	
	9	8.35	31.7	664	108	
2776	9	38 9.08	61 15 26.6	679	5	
2777	9	38 11.52	37 11 44.0	606	136	
2778	9	38 12.22	57 29 32.0	585	132	
	9	12.23	30.7	263	153	
2779	10	38 12.43	57 58 21.2	621	10	
2780	9½	38 13.90	58 25 42.6	675	26	
2781	9½	38 14.99	71 38 28.8	202	73	
2782	9½	38 17.03	43 41 49.2	279	135	
2783	9	38 17.67	48 13 7.0	662	151	
	9	17.71	7.6	662	148	
	9	17.77	9.3	219	82	
2784	7½	38 20.77	60 19 54.9	272	142	
2785	8½	38 22.55	60 34 18.3	604	24	
	8	22.61	19.1	272	146	
2786	9½	38 23.25	56 12 38.6	581	114	
2787	9	38 23.59	61 34 2.1	679	9	
2788	8½	38 23.78	43 5 27.7	279	136	
	8½	23.94	27.8	278	87	
2789	9	38 24.23	50 54 15.8	594	92	
2790	9	38 24.76	56 51 24.8	585	133	
2791	9½	38 26.71	67 23 10.0	573	130	
2792	9	38 26.71	33 36 8.6	680	7	
2793	7	38 27.07	60 30 47.4	272	144	n. pr.
	7½	27.08	47.5	604	26	
2794	8½	38 27.26	60 31 1.2	272	145	s. sq.
	8½	27.26	0.9	604	27	
2795	10	38 27.74	55 58 45.0	237	86	
2796	10	38 28.22	42 47 53.9	278	88	
2797	7	38 28.85	23 19 49.0	226	83	
2798	9½	38 29.40	27 52 26.6	231	73	
	9	29.53	24.5	670	49	
2799	3	38 30.09	63 44 22.3	600	81	
2800	9	38 30.09	62 19 10.8	630	16	
	9½	30.18	11.4	208	90	
2801	8½	10 38 30.10	39 26 2.8	616	13	
	9	30.25	3.2	619	188	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2802	8½	10 38 30.40	60 29 26.9	272	143	
	8	30.53	27.5	604	28	
2803	8	38 30.75	47 56 22.0	662	150	
2804	10	38 32.42	58 15 33.5	621	12	
2805	9½	38 32.98	25 56 34.3	665	68	
2806	9	38 33.48	60 25 25.4	272	141	
2807	8½	38 34.32	36 10 14.8	275	133	
2808	9	38 34.53	32 54 58.5	274	104	
	8½	34.58	55.8	660	179	
	8½	34.65	59.2	680	8	
	8½	34.76	56.2	587	149	
	8½	34.79	58.0	223	57	
2809	9½	38 36.01	60 33 28.2	604	25	
	9	36.02	29.1	272	147	
2810	9½	38 36.41	58 15 16.3	621	11	
2811	9½	38 37.43	67 12 51.0	573	131	
2812	9	38 37.83	58 26 40.6	675	25	
2813	10	38 38.14	46 42 10.3	217	89	
2814	8½	38 41.22	48 55 54.1	666	103	
2815	8½	38 44.60	53 30 49.8	613	24	
2816	9	38 44.71	62 21 10.7	208	89	
	9	44.82	12.0	630	15	
2817	9½	38 45.06	61 24 11.1	679	10	
2818	9	38 45.24	77 50 17.6	173	88	
2819	7½	38 47.20	48 14 26.1	662	152	
	7½	47.44	27.6	219	81	
2820	9½	38 47.27	67 7 18.9	195†	28	
	9½	47.31	18.2	591	79	
2821	9	38 47.27	63 31 47.6	600	84	
	9	47.33	46.8	205	79	
2822	9	38 49.42	41 23 59.3	278	90	
2823	9	38 50.85	56 3 40.2	237	85	
	9	51.07	40.9	581	115	
2824	9	38 55.03	45 33 4.8	217	90	
2825	7½	38 56.00	36 16 23.1	275	135	
2826	9	38 56.17	32 52 1.4	680	9	
2827	7½	38 56.69	51 16 2.6	597	75	
2828	9½	38 57.29	51 10 47.1	597	77	
2829	9½	38 57.38	58 53 33.5	677	17	
2830	8½	38 57.45	58 26 44.8	675	28	
2831	8	38 58.64	37 29 9.4	606	137	
2832	8	38 58.78	49 11 5.4	666	105	
2833	8½	38 59.72	63 24 46.9	205	80	
	8	59.95	50.6	600	82	
2834	9½	38 59.73	24 27 4.2	664	109	
2835	9	39 0.43	52 26 18.9	610	31	
2836	9	39 0.86	49 4 43.8	666	106	
	9	0.92	41.3	666	104	
2837	9	39 1.13	54 15 20.3	613	26	
2838	9	39 1.31	36 13 13.1	275	136	
	9	1.46	12.7	275	134	
2839	9	39 3.08	57 1 42.9	585	134	
2840	9½	39 3.12	66 49 32.6	626	14	
	9½	3.61	32.0	591	84	
2841	8½	39 4.43	62 59 24.9	205	83	
2842	9	39 4.71	58 53 35.2	677	20	
	9	4.95	35.9	269	176	
2843	9	39 4.83	58 27 36.5	675	29	
2844	8½	39 5.10	52 22 49.8	610	32	
2845	8½	39 5.47	66 38 2.9	626	13	
	8½	5.51	3.5	591	82	
	8½	5.57	6.2	626	16	
2846	8½	39 5.94	34 41 15.6	274	105	
	8	6.19	16.3	587	150	
2847	8	39 6.81	55 7 49.6	234	97	
2848	9	39 7.52	26 51 48.7	228	79	
	9	7.58	50.5	231	75	
2849	7½	10 39 7.55	58 53 29.1	579	163	
	7	7.68	29.5	677	18	
	8	7.69	29.8	269	175	
2850	9	10 39 8.54	40 38 13.1	616	14	
2851	8½	39 8.68	53 58 37.1	613	25	
2852	9½	39 9.70	60 39 43.8	604	31	
2853	9	39 9.97	43 54 22.9	279	138	
2854	9½	39 10.13	58 53 3.1	269	178	
2855	9½	39 11.08	51 18 42.5	597	76	
2856	8	39 11.69	29 1 40.6	670	50	
	7½	11.75	39.1	213	73	
2857	9½	39 11.91	41 25 39.1	278	91	
2858	8½	39 13.73	54 53 44.4	234	96	
	8½	13.81	45.3	234	99	
2859	9½	39 15.07	58 26 46.8	675	27	
2860	8½	39 16.16	43 18 1.2	279	139	
	8½	16.22	0.5	279	137	
2861	8½	39 16.16	71 10 26.3	577	78	
	9	16.36	26.0	176	77	
2862	8	39 16.49	30 40 50.3	213	74	
	8	16.57	49.6	673	38	
2863	9½	39 16.61	27 39 51.9	231	74	
2864	8	39 17.11	58 55 8.5	579	164	n. pr.
	8	17.29	8.8	269	177	
	8	17.38	6.5	677	19	
2865	9	39 17.18	56 56 51.3	585	135	
2866	9½	39 17.46	41 46 36.7	278	89	
2867	9	39 18.09	57 43 43.8	263	157	
	8½	18.26	44.5	621	13	
	9	18.43	43.9	263	155	
2868	9½	39 18.63	66 48 57.3	626	15	
	9½	18.86	59.7	591	81	
	9½	19.11	56.5	591	83	
2869	8½	39 18.91	71 5 38.6	577	79	
	8½	19.18	37.3	176	76	
2870	8	39 18.97	58 55 11.7	579	165	s. sq.
	8	19.15	12.9	677	21	
	8	19.19	12.2	269	180	
2871	8½	39 19.—	49 14 25.0	666	107	
2872	6½	39 21.83	63 35 33.2	205	81	
	6½	21.87	34.6	600	83	
2873	10	39 22.67	48 9 29.9	662	153	
2874	9½	39 26.06	30 39 51.2	213	75	
2875	9½	39 26.54	57 44 38.2	263	158	
	9	26.60	37.5	263	156	
	8½	26.79	40.1	621	14	
2876	9	39 28.53	62 30 59.8	630	18	
2877	9½	39 28.77	26 12 54.6	665	69	
2878	8½	39 29.76	43 12 34.1	279	140	
2879	8½	39 32.10	50 13 41.7	594	93	
2880	9½	39 32.86	43 13 18.8	279	141	
2881	9	39 32.99	40 37 33.8	616	15	
2882	8	39 34.04	71 32 28.4	202	72	
2883	8	39 34.51	24 22 11.6	664	110	
	8	34.61	10.7	226	84	
2884	7½	39 35.19	56 54 31.3	585	136	
	8	35.34	31.2	581	118	
2885	5½	39 35.81	63 18 18.2	205	82	
	5	36.00	18.6	600	85	
2886	8½	39 35.85	66 57 46.7	195†	29	
	8½	35.88	46.1	573	132	
	8½	36.06	44.9	591	80	
	8½	36.14	47.6	626	17	
2887	9½	39 37.89	34 3 12.8	680	10	
2888	9½	39 40.31	55 54 57.5	237	87	
	9	40.50	56.8	581	117	
2889	9	39 40.66	55 3 57.5	234	98	
2890	9	39 40.69	61 24 52.2	679	12	
2891	9	39 42.73	59 5 8.3	677	24	s. pr.
	9	42.85	8.0	269	185	
	8½	42.97	8.7	579	169	
2892	9½	39 43.31	40 16 35.8	616	16	
2893	9	10 39 43.77	60 42 25.6	604	30	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2894	8	10 39 43.97	59 4 50.9	579	168	n. sq.
	8½	44.01	52.3	269	184	
	8½	44.07	50.1	677	22	
2895	8	39 44.52	36 44 9.7	275	138	
2896	9	39 45.—	49 17 21.1	666	108	
2897	9	39 45.63	68 47 31.7	573	134	
2898	10	39 46.51	37 36 56.8	606	138	
2899	9½	39 47.81	67 6 13.2	195†	30	
	9½	47.82	14.6	626	18	
	9	48.14	11.3	573	135	
2900	9	39 48.99	48 36 40.8	219	83	
	9	49.09	42.8	666	110	
2901	9	39 49.11	56 52 13.6	585	137	
	9	49.13	11.4	581	119	
2902	8½	39 49.67	26 51 28.4	231	76	
	8½	49.68	26.3	228	80	
	8½	49.69	26.8	665	70	
2903	8½	39 50.92	60 55 21.8	604	32	
2904	9½	39 51.76	43 2 30.7	279	142	dpl. IV. n. pr.
2905	8½	39 52.20	59 7 31.4	677	25	
2906	8½	39 52.89	60 34 33.8	272	148	
	9	53.05	33.7	604	29	
2907	8½	39 52.94	57 25 6.6	585	140	
	9	53.03	7.8	263	159	
2908	9½	39 53.51	61 56 49.7	679	11	
2909	7½	39 54.19	58 54 31.2	579	166	
	8	54.37	31.8	269	181	
	8	54.45	30.0	269	179	
2910	9	39 54.42	55 38 0.1	237	88	
2911	9	39 54.47	60 18 33.0	272	149	
2912	9	39 55.61	36 45 21.2	275	137	
2913	9	39 57.18	59 4 27.1	677	23	
2914	9½	39 57.85	25 7 59.4	664	111	
2915	9½	40 1.97	58 54 0.0	269	182	dpl. IV.
2916	8	40 2.68	30 11 56.7	213	76	
	8½	2.78	54.0	673	39	
2917	9½	40 2.69	54 23 30.1	613	27	
2918	9½	40 3.83	42 58 24.5	279	143	
2919	9	40 6.00	48 38 38.8	666	109	
	9	6.12	38.3	219	84	
2920	8	40 6.62	40 50 24.5	278	92	
2921	8	40 6.88	36 17 11.6	275	140	
2922	9	40 7.45	49 46 52.8	594	94	
2923	8½	40 8.27	63 9 8.9	205	84	
2924	9	40 8.33	62 6 38.0	679	13	
	9½	8.68	38.9	208	92	
2925	8½	40 9.36	57 29 29.9	263	160	
	8	9.42	29.8	585	139	
	8	9.47	29.0	621	15	
	8	9.64	31.2	621	17	
2926	8	40 11.79	48 35 5.2	666	111	
	8	11.97	3.4	219	86	
2927	9	40 12.02	54 21 49.0	613	28	
2928	9½	40 12.37	55 18 54.9	234	102	
2929	7½	40 12.85	59 1 37.6	579	167	η *Carinae*
	7½	13.06	38.4	677	26	
2930	7½	40 13.41	57 4 33.0	585	138	
2931	9½	40 13.44	34 35 36.0	587	151	
2932	7	40 14.17	40 18 59.7	616	17	
2933	8½	40 14.76	50 51 31.1	597	78	
	8½	14.84	29.4	594	95	
2934	8½	40 15.28	59 0 41.1	677	28	
	9	15.30	39.2	269	183	
2935	8½	40 16.05	66 1 2.9	591	86	
	9	16.08	4.5	626	19	
	9	16.21	3.0	195†	31	
2936	7	40 16.50	46 48 8.4	217	92	
2937	9	40 16.51	55 46 16.6	237	89	
2938	9	10 40 16.78	45 6 5.4	279	144	
	9½	17.01	6.9	217	91	
2939	9½	10 40 17.49	60 55 39.8	604	33	
2940	9	40 17.54	39 8 35.2	606	139	
	9	17.88	33.4	616	18	
2941	9	40 17.65	67 55 48.3	573	133	
2942	9½	40 18.08	36 39 5.1	275	139	
2943	8½	40 19.73	53 10 3.7	613	30	
	8½	19.75	3.3	610	33	
2944	7½	40 20.57	26 4 7.0	228	81	
	7½	20.67	9.9	665	73	
	7½	20.75	8.3	664	114	
2945	9½	40 21.16	28 40 25.5	670	51	
2946	9½	40 21.85	59 5 34.0	269	186	s. pr.
2947	9	40 22.27	59 4 54.9	677	30	
2948	9	40 22.64	36 12 52.3	275	141	
2949	9½	40 22.70	59 5 19.7	269	187	n. sq.
2950	9	40 24.26	50 51 14.0	597	79	
	9	24.38	14.1	594	96	
2951	9½	40 25.12	33 5 4.5	223	58	
2952	9	40 25.99	59 4 11.2	677	29	
	9	26.00	12.0	677	27	
2953	7½	40 26.06	55 8 2.3	234	100	s. pr.
2954	9	40 26.07	47 17 53.7	662	154	
2955	9	40 26.40	54 37 5.7	613	29	
2956	9½	40 27.32	34 8 12.3	274	106	
	9	27.41	11.3	587	152	
	9	27.41	11.5	680	11	
2957	9½	40 27.90	58 37 37.4	675	30	
2958	10	40 29.60	55 7 40.6	234	101	n. sq.
2959	6½	40 30.90	79 7 39.2	173	91	
2960	7	40 33.80	70 12 9.4	577	80	
	7	33.94	9.2	176	78	
2961	8	40 33.86	52 58 18.2	610	35	
2962	8½	40 33.92	27 30 27.5	231	77	
	8½	33.94	24.0	665	71	
2963	8½	40 34.18	27 28 57.5	665	72	
	8½	34.33	59.4	231	78	
2964	9½	40 34.86	71 15 54.8	202	76	
2965	7½	40 35.80	71 24 29.0	202	74	
2966	9	40 36.91	32 40 1.2	680	12	
	9	36.94	1.7	223	59	
2967	9½	40 38.12	52 24 9.2	610	34	
	9	38.13	11.0	610	36	
2968	9½	40 38.29	30 48 2.2	213	77	
2969	8½	40 38.82	23 55 25.8	226	85	
2970	9½	40 39.07	70 11 41.1	577	82	
	9½	39.20	41.1	176	80	
2971	7½	40 39.45	40 48 16.4	278	93	
2972	9	40 41.51	45 7 56.2	279	145	
2973	9½	40 44.60	55 37 45.1	237	90	
2974	9½	40 44.96	62 5 30.8	208	91	
2975	7	40 45.90	70 11 52.8	577	81	
	7	46.10	52.9	176	79	
2976	7	40 46.18	25 23 31.6	664	113	
	7	46.32	31.3	228	83	
2977	9½	40 47.58	66 4 56.6	626	20	
	9½	47.71	55.0	591	85	
2978	7½	40 48.68	24 52 31.6	664	112	
2979	8	40 48.81	25 44 21.2	228	82	
2980	9	40 49.76	41 17 29.1	278	95	
2981	8½	40 49.95	35 37 11.6	275	142	
2982	9	40 50.39	50 44 13.0	594	97	
	10	50.45	15.1	597	80	
2983	9	40 50.81	56 53 13.4	581	120	
2984	7½	40 51.86	58 45 3.0	677	31	
	7½	52.08	1.6	579	171	
2985	8½	40 52.07	47 28 16.9	662	156	
2986	9½	40 52.33	58 1 20.5	263	161	
	10	52.55	19.0	621	16	
2987	8½	10 40 53.57	61 44 12.5	672	17	
	9	53.58	10.4	679	14	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2988	9½	10 40 55.94	60 13 27.5	272	152	
2989	9	40 56.95	47 28 7.8	662	155	
2990	7½	40 58.64	58 49 52.4	579	170	
2991	7	40 58.77	71 47 19.1	202	75	
2992	8½	40 58.90	48 44 6.9	666	113	
	8½	58.91	3.7	219	85	
2993	9½	40 59.04	41 27 0.7	278	96	
2994	9	41 2.45	39 9 54.1	616	20	
2995	9½	41 2.47	51 15 50.1	597	81	
2996	9	41 2.53	50 32 0.4	594	98	
2997	9½	41 3.22	46 58 28.9	217	93	
2998	9	41 3.99	56 18 28.7	581	122	
2999	9	41 4.32	56 5 56.2	581	124	
3000	8½	41 4.73	64 2 46.8	600	86	
3001	9	41 5.46	39 8 46.6	616	19	
	9	5.46	45.8	606	140	
3002	8	41 5.75	60 56 48.7	604	34	
3003	9	41 6.83	56 53 23.3	585	141	
	9	7.08	21.3	581	121	
3004	9	41 7.31	50 17 17.0	594	100	
3005	9½	41 8.19	47 33 24.3	662	157	
3006	8½	41 8.60	32 45 25.3	680	13	
	8½	8.75	26.5	223	60	
3007	9½	41 8.66	54 34 6.7	234	103	
3008	8	41 9.23	23 53 25.8	664	115	
	8½	9.33	26.8	226	86	
3009	9	41 9.90	61 49 36.6	672	18	
3010	9½	41 10.10	62 12 45.2	208	94	
3011	9½	41 13.71	33 59 53.7	274	107	
	9	13.80	55.5	680	14	
	9	13.81	52.0	587	153	
3012	8	41 14.82	35 26 17.2	275	143	
3013	9	41 16.44	41 16 38.2	278	94	dpl. III. n.sq.
3014	9½	41 16.75	56 10 21.0	237	93	
	9	16.88	14.6	581	123	
3015	8½	41 18.92	27 6 30.0	665	74	
3016	7½	41 20.19	58 39 36.2	579	173	
	8	20.23	35.5	675	31	
	8	20.30	38.6	677	33	
3017	8	41 20.33	50 23 35.7	594	99	
3018	9½	41 20.52	61 28 36.6	672	16	
3019	8½	41 23.20	43 37 8.1	279	148	
3020	3	41 23.84	48 45 36.3	219	87	
	3	23.99	34.8	666	112	
3021	9½	41 24.46	47 12 24.2	217	95	
3022	9	41 25.57	47 4 24.9	217	94	
3023	9	41 26.78	60 10 1.0	272	151	
3024	8½	41 27.34	52 36 1.4	610	38	
3025	9½	41 28.08	57 59 44.1	263	162	
	9½	28.10	41.6	621	18	
3026	9	41 28.60	60 14 37.4	272	150	
3027	7	41 29.08	59 56 42.3	272	153	
3028	8½	41 29.37	62 10 42.3	208	93	
3029	8	41 29.67	61 16 59.9	672	15	
	8	29.67	61.2	672	19	
	8	29.71	61.4	604	36	
	8	29.72	61.1	679	15	
3030	9½	41 29.91	45 20 51.2	217	96	
3031	9	41 30.52	24 46 38.4	664	116	
3032	8½	41 32.11	58 47 15.1	677	32	
	8½	32.34	13.1	579	172	
3033	9	41 33.41	48 10 20.5	662	158	
	9	33.55	21.5	666	114	
3034	9½	41 34.10	33 22 0.0	587	154	
3035	8½	41 34.71	63 22 54.9	205	85	
3036	9	41 34.79	29 58 42.9	670	53	
3037	9	41 35.24	52 37 6.2	610	37	
3038	9½	41 37.07	44 48 50.0	279	146	
3039	9	10 41 37.40	45 17 52.2	217	97	
3040	8½	10 41 39.01	63 56 15.8	600	89	
3041	8½	41 40.53	67 28 18.2	573	136	
3042	10	41 40.96	59 10 19.8	269	189	
3043	8	41 42.31	30 56 38.7	673	41	
	7½	42.42	40.6	223	61	
	7½	42.48	39.4	213	78	
3044	9½	41 43.43	30 32 47.7	673	40	
3045	8½	41 43.61	36 51 54.3	606	142	
3046	9	41 44.31	42 54 4.2	279	147	
3047	8½	41 44.41	58 52 51.2	677	34	
3048	9	41 44.42	28 20 7.0	231	79	
	9	44.43	5.9	670	52	
	9	44.51	7.5	231	80	
3049	6	41 45.28	63 51 22.0	600	88	
3050	9	41 47.64	39 9 12.7	606	141	
	9	47.72	13.4	616	21	
3051	9	41 48.59	41 54 37.4	278	97	
3052	8	41 48.74	62 38 22.1	208	95	
3053	10	41 49.79	54 10 44.9	613	32	s.pr.
3054	8	41 50.38	35 28 0.4	275	144	
3055	8½	41 51.54	54 10 21.8	613	31	n.sq.
3056	9	41 52.15	35 8 17.2	274	108	
	9½	52.22	19.4	587	156	
3057	9	41 54.53	49 40 52.9	594	101	
	9	54.67	54.0	219	88	
3058	8½	41 54.78	51 18 48.8	597	82	
3059	6	41 55.10	56 5 55.3	237	91	
	6	55.13	52.8	581	125	
3060	6	41 56.57	63 36 16.6	205	86	
	6	56.77	18.3	600	92	
	6	56.78	18.0	600	87	
3061	9	41 56.62	33 34 3.8	680	16	
3062	8½	41 59.03	69 46 15.7	577	85	
	9	59.20	12.5	577	83	
3063	9	41 59.43	44 16 17.7	279	150	
3064	9	42 1.81	33 19 57.0	587	155	
3065	9½	42 2.85	58 8 18.9	675	32	
	9½	3.13	21.3	621	19	
3066	9	42 3.68	56 53 15.6	585	142	
	8½	3.84	17.2	585	146	
3067	9	42 4.58	56 5 58.8	237	92	
3068	9½	42 4.86	60 32 0.3	604	37	
3069	9½	42 5.42	60 54 47.2	604	35	
3070	8½	42 5.74	39 4 53.4	606	144	
	8½	5.92	53.3	616	22	
3071	8½	42 7.00	52 28 13.4	610	39	
3072	8½	42 8.91	33 56 18.2	680	15	
	9	9.00	19.0	274	109	
3073	8	42 9.19	25 44 17.5	228	84	
	8	9.24	19.1	664	117	
3074	9	42 9.69	48 12 11.1	666	115	
	9	9.76	9.1	662	159	
3075	9½	42 11.35	38 37 24.0	606	143	
3076	10	42 15.73	55 15 8.7	234	105	
3077	9	42 16.61	59 7 56.9	269	188	
3078	7½	42 17.98	56 39 58.1	585	143	
	7½	18.22	56.0	581	126	
3079	8½	42 18.02	72 24 29.6	202	78	
3080	9½	42 18.07	69 54 23.7	577	84	
3081	6	42 18.45	63 43 30.5	600	90	
3082	8½	42 19.00	59 54 51.7	272	155	
3083	9½	42 19.51	66 9 43.1	591	87	
	9½	19.67	42.2	195†	32	
3084	9	42 21.04	59 26 16.5	269	190	
3085	6½	42 22.90	31 1 41.7	673	42	
	6	22.98	43.3	213	79	
	6	23.11	40.4	223	62	
3086	9½	42 23.84	55 7 37.5	234	104	
3087	10	10 42 24.05	40 28 49.6	616	24	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
3088	8½	10 42 24.30	54 1 58.3	613	33
3089	9	42 27.08	57 25 53.1	263	163
	9	27.23	54.8	621	20
3090	10	42 29.66	36 44 0.7	275	145
3091	9½	42 30.24	58 33 10.4	675	33
3092	9	42 33.73	67 35 50.5	573	137
	9	33.98	51.2	176	83
3093	9½	42 34.04	61 27 4.8	679	16
3094	8	42 35.37	63 36 19.0	205	87
	8	35.38	23.4	600	91
3095	9	42 35.72	51 52 33.2	597	83
	9	35.91	35.4	610	40
3096	8½	42 36.77	24 30 0.8	226	87
	9	36.88	2.0	664	118
3097	7	42 37.51	56 48 29.3	585	144
	7	37.68	26.8	581	127
3098	9½	42 38.11	28 48 23.3	670	54
3099	9½	42 38.60	54 36 51.3	613	34
3100	7	42 39.92	51 35 12.7	597	86
3101	8½	42 40.78	71 30 25.9	202	77
3102	9	42 41.10	40 37 1.1	616	23
3103	9	42 42.21	30 36 14.2	213	80
3104	9	42 42.44	61 24 13.8	672	21
	9½	42.52	11.8	679	17
3105	9	42 42.64	60 6 38.0	272	157
3106	7	42 43.52	68 33 2.8	573	138
	6½	43.61	3.4	176	82
3107	9	42 43.96	49 42 34.4	594	102
	8½	44.01	36.1	219	89
3108	9	42 44.59	41 59 21.7	278	98
3109	9	42 44.73	47 27 1.2	662	160
3110	9½	42 45.61	44 18 31.0	279	151
3111	8½	42 47.75	56 49 58.8	581	128
	8½	47.93	62.1	585	145
3112	9	42 48.33	51 40 26.3	597	85
3113	8	42 48.95	59 57 29.6	272	154
3114	9	42 50.69	58 54 44.6	579	177
	9	50.89	46.3	677	37
3115	7	42 51.51	59 12 56.8	269	191
3116	8	42 55.01	65 15 28.7	626	22
	8	55.12	29.0	600	95
	8	55.32	28.6	591	88
	8	55.35	31.8	195†	33
3117	9	42 56.20	51 38 42.0	597	84
3118	9	42 56.81	38 9 33.7	606	145
3119	8	42 56.83	43 43 3.9	279	149
3120	9½	42 57.91	58 2 20.5	621	21
3121	9½	42 59.05	37 3 37.9	275	146
3122	10	43 1.71	36 59 50.5	275	147
3123	7	43 1.85	27 15 26.9	665	75
	7	1.86	28.6	231	81
3124	8	43 3.28	28 26 30.8	231	82
	8½	3.42	30.3	670	55
3125	8	43 4.34	51 7 55.9	597	87
3126	9	43 4.51	32 25 25.3	680	17
3127	9	43 5.32	37 23 27.5	606	147
3128	8	43 6.15	30 23 46.9	213	81
3129	7½	43 6.67	63 53 13.8	600	94
3130	8½	43 7.86	58 59 28.6	579	175
	8½	8.01	27.9	677	35
3131	9	43 8.10	44 23 35.2	279	153
3132	9	43 9.72	29 48 58.3	673	46
3133	9	43 9.79	42 45 43.1	278	100
3134	9	43 10.07	35 16 48.1	275	148
3135	8½	43 10.82	44 38 36.6	279	152
3136	8½	10 43 10.93	65 15 37.2	591	89
	9	10.95	38.3	600	96
	9	11.08	36.8	626	21
	9	11.14	40.0	195†	34
3137	9	10 43 11.22	56 47 13.3	581	129
3138	8	43 11.77	30 5 20.9	673	43
	8	11.83	23.7	213	83
3139	8	43 11.80	47 41 27.9	662	161
3140	9	43 12.32	51 49 7.5	610	41
3141	6½	43 12.60	59 15 32.2	269	192
3142	9½	43 13.32	42 46 20.9	278	101
3143	9	43 13.46	25 34 23.8	664	119
3144	10	43 13.47	65 53 15.2	195†	35
3145	9	43 14.46	61 20 13.9	679	19
	8½	14.47	11.0	672	20
3146	9½	43 15.22	32 43 54.4	680	18
3147	7	43 16.10	47 5 26.2	662	162
3148	9	43 16.35	54 29 23.3	613	35
	9½	16.51	21.2	234	106
3149	10	43 17.45	38 0 53.7	606	146
3150	7½	43 17.51	26 9 18.8	228	85
	7½	17.55	19.5	665	76
3151	9½	43 18.65	52 37 0.3	610	42
3152	7	43 18.74	63 36 10.4	600	93
	7	19.01	8.6	205	88
3153	8	43 19.52	29 58 50.1	213	82
	8	19.62	51.7	670	58
	8½	19.65	47.2	673	44
3154	9½	43 19.94	37 15 26.3	606	148
3155	9	43 20.03	28 28 25.4	231	83
	9	20.06	24.5	670	56
3156	9½	43 20.20	29 57 24.5	213	85
3157	8	43 20.—	61 21 58.4	672	22
	8½	20.89	55.4	679	18
3158	10	43 21.01	62 14 16.8	208	97
3159	8½	43 22.70	34 17 56.9	587	157
3160	9	43 23.01	59 59 5.7	272	156
3161	9	43 24.04	35 17 2.1	275	149
3162	9	43 24.80	55 57 37.4	237	95
	9	25.00	36.7	581	131
3163	8	43 25.96	30 50 40.3	223	64
3164	7	43 26.55	68 46 39.6	573	139
	6½	26.80	39.9	176	81
3165	8½	43 27.72	58 33 18.1	675	34
	9	27.86	16.4	579	174
3166	8	43 27.96	58 52 51.5	579	176
	8	28.14	48.0	677	36
3167	9	43 28.88	42 8 28.0	278	99
3168	9	43 29.97	27 15 29.4	665	77
3169	8	43 30.25	29 53 29.9	670	59
	8½	30.36	29.7	213	84
	8½	30.54	27.7	673	45
3170	8½	43 30.76	63 13 10.1	205	89
3171	9	43 30.95	52 40 4.6	610	43
3172	9½	43 31.73	57 1 26.4	585	148
3173	8½	43 32.98	31 38 51.6	223	63
	8½	33.09	51.5	673	47
3174	9	43 35.73	50 52 4.4	594	103
3175	7½	43 37.25	57 0 44.5	585	147
3176	8½	43 37.25	49 0 31.4	219	93
	9	37.40	29.2	666	117
3177	9	43 38.43	57 19 39.4	585	151
3178	9½	43 38.68	55 55 0.5	581	132
	9½	38.86	4.0	237	96
3179	9	43 39.61	57 45 18.5	621	23
3180	9½	43 39.66	57 54 31.6	621	22
3181	8	43 40.18	46 7 3.5	217	99
3182	8	43 40.—	61 54 15.4	672	25
	8	40.51	14.8	208	96
	8½	40.56	12.5	679	20
3183	9½	43 40.84	33 1 22.2	680	19
3184	8½	10 43 41.92	54 41 55.3	234	107
	8½	41.93	56.0	613	36

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3185	8	10 43 42.26	29 19 58.2	670	57	
3186	9½	43 42.78	53 3 17.3	610	46	
3187	9	43 43.74	58 54 2.0	677	38	
3188	7½	43 45.01	59 33 46.6	269	193	
3189	9½	43 45.11	49 32 28.8	594	106	
	9½	45.12	25.4	666	118	
	9	45.33	24.2	219	90	
3190	9	43 45.19	45 50 1.7	217	98	
3191	10	43 47.95	46 3 51.3	217	100	
3192	9	43 48.72	48 56 14.8	219	92	
	9	48.77	12.8	666	116	
3193	8½	43 49.68	60 29 0.7	604	38	
	8½	49.93	0.1	272	160	
3194	7½	43 50.01	41 42 28.4	278	102	
3195	9½	43 50.09	35 12 56.3	275	150	s. pr.
	9½	50.11	58.8	274	110	
3196	8	43 50.78	41 8 43.0	616	25	
3197	9½	43 51.87	50 46 3.6	594	104	
3198	9½	43 51.94	49 26 8.1	594	107	
3199	9	43 51.98	35 12 40.3	275	151	n. sq.
	9	52.03	42.0	274	111	
3200	9½	43 52.72	24 6 16.0	226	88	
3201	10	43 52.77	46 3 50.1	217	101	
3202	9	43 53.33	40 55 23.3	616	26	} dpl.
3203	9½	43 53.44	40 55 30.2	616	27	
3204	9½	43 53.60	56 36 11.1	581	130	
3205	8	43 53.81	49 36 31.8	666	119	
	8½	53.89	30.8	594	105	
	8	53.90	29.0	219	91	
3206	9	43 54.41	69 51 37.5	577	86	
3207	9	43 54.57	55 56 29.3	237	94	
	9	54.62	30.2	581	133	
3208	8½	43 54.76	30 45 17.0	673	48	
3209	10	43 54.90	57 39 53.9	621	24	
3210	9	43 55.13	59 56 1.7	272	158	
3211	9	43 56.18	34 17 7.0	274	113	
	9	56.24	7.1	587	158	
3212	8	43 59.36	58 47 12.1	579	178	
	8	59.51	10.4	677	40	
3213	9½	44 1.13	47 1 56.0	662	164	
3214	9½	44 2.52	54 52 33.8	234	108	
3215	9½	44 3.03	34 22 18.8	274	114	
	9	3.06	19.2	587	159	
3216	6	44 3.35	79 48 31.4	173	93	
	6	3.37	32.5	242	1	
3217	9½	44 3.64	33 54 54.4	680	21	
3218	8	44 4.02	63 10 19.7	205	90	
3219	8½	44 4.33	58 7 49.8	621	26	
3220	9	44 5.44	58 14 3.8	675	35	
	9	5.61	5.0	579	180	
	9	5.77	7.2	621	27	
3221	9	44 7.27	57 0 54.2	585	149	
3222	9½	44 7.91	53 11 23.9	610	45	
	9½	7.91	24.7	613	38	
3223	6	44 8.29	33 23 49.4	680	20	
3224	8	44 8.63	35 8 34.3	274	112	
	8	8.71	35.3	587	160	
	8	8.76	34.1	275	152	
3225	9	44 8.76	40 10 19.7	616	28	
3226	9½	44 10.44	47 4 11.4	662	165	
3227	7½	44 10.63	57 18 30.2	585	150	
3228	9	44 10.91	63 23 27.6	205	91	
	9	10.97	27.1	600	97	
3229	9	44 10.93	38 35 30.1	606	149	
3230	9½	44 11.57	60 35 52.0	272	161	
3231	8½	44 12.—	61 20 10.5	672	23	
	9	12.30	13.2	604	42	
3232	9½	44 13.31	45 5 29.0	279	155	
3233	8½	10 44 13.45	51 1 19.4	597	88	
3234	9	10 44 13.84	26 12 0.4	665	78	
3235	9½	44 14.00	61 8 16.2	604	39	
	9	14.07	16.7	679	21	
3236	8½	44 15.12	79 56 14.9	242	3	
	9	15.33	13.8	173	92	
3237	9½	44 16.36	49 32 47.7	666	120	
3238	9½	44 16.49	53 15 44.1	610	44	
	9½	16.65	43.4	613	37	
3239	9½	44 17.05	60 3 16.9	272	159	
3240	8½	44 18.49	50 24 30.5	594	108	
3241	9	44 18.54	52 8 57.0	597	89	
	9½	18.83	58.0	610	47	
3242	9	44 20.00	59 31 22.4	269	196	
3243	10	44 21.41	71 46 35.7	202	79	
3244	9	44 21.69	47 6 16.1	217	102	
	8½	21.79	12.5	662	163	
3245	9½	44 21.86	70 0 32.1	577	87	
3246	8½	44 21.88	66 38 38.5	591	90	
	8½	22.13	39.1	626	24	
	8½	22.22	39.8	195†	36	
3247	8½	44 22.58	59 3 40.9	677	42	
3248	8½	44 23.76	40 17 28.6	616	29	
3249	9	44 24.71	29 52 34.8	213	86	
	9	24.81	34.1	670	60	
3250	9½	44 24.90	58 7 23.7	621	25	
3251	9	44 25.18	44 56 30.4	279	156	
	8½	25.26	33.5	217	103	
3252	7	44 27.58	58 39 44.1	675	36	
	6½	27.77	42.5	677	39	
	6½	27.80	44.3	579	179	
3253	9	44 30.88	71 3 2.4	577	90	
3254	9	44 31.60	61 10 15.3	604	40	
	8½	31.65	15.3	679	22	
3255	9	44 33.71	66 54 45.2	591	91	
	9	33.72	46.9	176	84	
	9	33.74	43.8	626	23	
	9	33.95	46.1	195†	37	
3256	9	44 34.09	59 37 57.9	269	195	
3257	5	44 34.93	79 52 51.6	242	2	
	5	35.41	48.9	173	94	
3258	8½	44 35.60	48 44 20.1	666	121	
3259	7½	44 37.63	33 10 37.9	223	65	
3260	9½	44 39.20	45 6 5.4	279	154	
3261	9	44 39.71	29 42 42.6	670	61	
	9½	39.75	41.6	213	87	
3262	9½	44 39.76	54 47 19.8	234	109	
3263	8½	44 41.95	24 51 34.5	228	86	
	8½	42.13	38.5	664	120	
	8½	42.23	36.5	226	89	
3264	9	44 42.34	54 11 45.0	613	39	
3265	9	44 43.65	44 15 29.3	279	157	
3266	9	44 44.93	51 38 22.6	597	90	
3267	9	44 45.96	68 6 20.5	573	142	
3268	9	44 46.47	59 30 9.3	269	194	
3269	9½	44 49.32	67 38 48.0	573	141	
3270	9	44 50.90	33 20 38.4	680	23	
3271	8	44 51.—	61 22 44.5	672	24	
	8½	51.50	47.3	679	24	
3272	7½	44 52.83	48 27 1.9	666	122	
	7½	52.87	2.2	219	94	
3273	9½	44 54.02	24 41 12.2	664	121	
3274	8	44 55.18	33 49 22.5	274	115	
	8	55.19	24.2	680	22	
	8	55.25	23.2	587	161	
3275	8	44 58.37	67 42 3.5	573	140	
	8	58.58	3.8	176	88	
3276	10	44 59.05	41 24 37.5	278	103	
3277	9	44 59.10	31 16 37.5	223	66	
3278	8½	10 44 59.10	57 12 46.2	585	152	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3279	9	10 44 59.46	32 4 44.4	673	49	
3280	9½	45 2.50	55 47 59.5	237	97	
3281	9	45 2.57	69 57 21.0	577	88	
3282	9	45 2.77	56 15 23.5	581	134	
	9	2.88	25.1	581	135	
3283	9	45 3.97	33 31 12.5	587	162	
3284	9	45 4.43	60 5 45.9	272	163	
3285	8	45 5.78	35 6 57.1	275	153	
3286	9	45 7.09	68 5 7.7	573	143	dpl. III.
3287	9½	45 8.26	60 38 26.8	604	44	
3288	9½	45 8.29	67 21 38.5	176	85	
3289	9	45 11.17	49 56 31.3	594	109	
3290	9	45 12.95	58 53 11.0	677	41	
3291	9½	45 14.26	55 10 53.6	234	111	
3292	9½	45 15.27	48 31 17.2	666	123	
3293	9	45 15.58	62 59 55.7	205	95	
3294	9½	45 15.61	63 17 57.6	205	93	
3295	9	45 15.72	66 53 11.2	626	25	
	9½	15.74	11.5	195†	38	
	9	15.84	13.1	626	26	
	9½	16.30	11.5	591	92	
3296	9	45 18.43	61 8 35.9	679	25	
	9	18.58	34.2	604	41	
	9	18.59	34.9	679	23	
3297	9	45 19.19	55 40 48.6	237	98	
3298	8½	45 19.24	27 13 24.1	665	79	
	8½	19.37	23.2	231	84	
3299	9½	45 19.30	41 16 18.7	278	104	
3300	9½	45 19.56	52 33 36.5	610	48	
3301	9	45 20.75	31 46 4.4	673	50	
3302	9	45 22.23	75 6 42.3	173	97	
3303	9	45 22.54	49 51 26.4	594	110	
3304	9	45 22.82	59 58 30.5	272	164	
3305	9½	45 23.53	59 31 13.6	269	197	
	9½	23.55	14.5	269	199	
3306	9½	45 23.58	40 11 6.8	616	30	
3307	9½	45 23.62	55 19 17.2	237	99	
3308	8	45 23.90	63 51 46.5	600	99	
3309	9	45 25.13	32 55 4.3	587	163	
	9	25.29	0.8	223	67	
	8½	25.40	4.0	680	24	
3310	9	45 26.06	61 34 28.0	672	28	
3311	8	45 26.59	36 17 38.5	275	155	
3312	7½	45 27.83	61 58 27.1	679	26	
	7½	27.84	27.3	208	98	
	7½	28.—	24.6	672	26	
3313	8½	45 27.98	80 0 1.5	173	95	
	8½	28.44	3.2	242	4	
3314	9½	45 28.68	69 49 9.6	577	89	
3315	9	45 28.93	45 1 6.2	279	158	
	9½	29.05	7.6	217	104	
3316	7½	45 30.81	59 19 11.8	269	198	
3317	9	45 31.18	60 8 23.2	272	165	
3318	9	45 31.96	47 25 18.3	662	167	
3319	8	45 32.09	51 48 32.5	597	91	
3320	9	45 33.17	57 11 15.9	585	154	
3321	9	45 33.99	57 31 51.9	585	153	
	9½	34.24	52.7	621	29	
3322	8½	45 34.22	26 14 6.1	228	87	
	8½	34.49	6.2	665	80	
3323	9½	45 34.26	47 5 8.6	219	95	
3324	9½	45 36.44	41 10 18.0	278	106	
3325	9½	45 37.52	55 15 60.6	237	100	
	9½	37.78	58.6	234	110	
3326	9	45 37.91	61 32 45.6	672	27	
3327	9	45 38.13	47 50 24.5	662	166	
3328	8½	45 39.45	50 45 48.2	594	112	
3329	8	45 39.99	48 50 27.8	666	124	
	8	40.12	28.9	219	97	
3330	9½	10 45 40.32	35 5 9.2	275	154	
3331	8½	10 45 42.53	58 32 60.7	579	181	
	8½	42.66	58.7	675	37	
	8½	42.71	63.2	579	184	
3332	8½	45 43.73	33 52 27.9	274	116	
	8½	43.76	29.4	587	164	
	8½	43.76	30.6	680	25	
3333	9½	45 44.26	74 9 29.8	202	80	
3334	9	45 44.92	63 19 9.4	205	92	
3335	9	45 47.80	61 34 36.2	672	30	
3336	8	45 47.94	67 27 33.2	176	86	
3337	9	45 48.19	58 40 10.4	675	39	
	9	48.23	10.4	677	43	
3338	10	45 48.30	75 11 29.5	173	98	
3339	8	45 48.59	67 27 32.9	573	146	
3340	7½	45 48.76	60 36 27.0	604	43	
	7½	49.04	23.9	272	162	
3341	8½	45 49.32	50 45 49.1	597	92	
3342	9½	45 50.67	52 9 15.1	610	49	
3343	9½	45 51.03	29 3 56.5	231	86	
	9½	51.05	57.3	670	63	
	9½	51.40	55.0	213	88	
3344	8	45 51.90	28 59 17.6	231	85	
	8½	51.95	16.8	213	89	
	8	52.09	18.4	670	62	
3345	7½	45 52.79	70 59 34.0	577	92	
3346	9	45 54.77	60 8 4.9	624	1	
	9	54.87	6.8	272	167	
3347	9	45 55.23	41 7 22.6	278	105	
3348	10	45 56.61	62 43 0.1	208	99	
3349	9½	45 58.59	40 12 1.7	616	31	
3350	8½	45 58.97	23 42 27.9	226	90	
3351	9	45 59.47	58 15 30.8	675	38	
	9½	59.58	32.4	621	28	
3352	9½	45 59.61	30 33 29.9	673	51	
3353	9½	45 59.97	36 39 7.9	275	156	
3354	9	46 0.10	56 3 52.5	581	136	
3355	8	46 1.61	71 9 39.0	577	91	
3356	9	46 1.93	67 26 28.9	176	87	
	9	2.13	30.2	573	145	
3357	9	46 2.25	38 7 55.2	606	152	
	9	2.34	53.6	606	150	
3358	7	46 2.48	59 17 39.4	269	201	
3359	9	46 2.80	41 14 49.3	278	107	
3360	8	46 3.30	26 54 34.0	665	81	
3361	8½	46 4.77	47 58 22.7	662	169	
3362	9½	46 5.42	60 54 33.7	604	45	
3363	9	46 5.58	63 0 45.9	205	94	
3364	9½	46 6.44	59 27 26.8	269	200	
3365	8½	46 6.88	44 22 30.4	279	159	
3366	8½	46 8.28	57 42 50.3	621	31	
3367	8	46 8.30	63 49 1.7	600	98	
3368	9½	46 9.85	40 28 8.8	616	33	
3369	9	46 10.59	50 31 3.2	594	113	
	9	10.86	2.1	594	111	
3370	10	46 11.90	44 25 24.4	279	160	
3371	8½	46 13.12	75 34 32.4	173	100	
3372	9½	46 14.06	57 6 8.9	585	155	
3373	8½	46 14.85	40 27 14.4	616	32	
3374	9½	46 15.60	45 1 14.4	217	105	
3375	9	46 15.88	57 26 8.8	585	156	
3376	9	46 16.65	57 34 36.2	621	30	
3377	9	46 16.69	29 24 56.1	213	92	
	9	16.80	58.5	670	66	
3378	9½	46 17.18	54 38 52.8	234	112	
3379	9	46 18.28	70 31 8.8	577	93	
3380	9½	46 21.09	47 24 24.9	662	168	
3381	8	10 46 22.93	59 4 49.8	579	182	
	8	23.08	52.5	269	202	
	8	23.15	51.0	677	45	
	8	23.31	51.3	269	204	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3382	9½	10 46 23.63	52 34 12.6	610	50	
3383	9½	46 24.14	40 52 10.0	616	34	
3384	7	46 26.44	48 29 34.6	219	98	
	7	26.47	32.0	666	125	
	7	26.50	32.4	219	96	
3385	9	46 26.96	47 51 38.4	662	170	
3386	9	46 27.83	60 9 22.7	624	3	
	9	28.00	22.3	272	166	
3387	9½	46 27.84	65 43 50.0	591	93	
	10	27.91	49.2	626	27	
3388	8	46 30.76	51 43 18.7	597	93	
3389	9	46 31.17	57 24 58.9	585	158	
3390	8	46 32.14	58 29 15.4	579	183	
	8	32.30	15.3	675	40	
3391	9	46 33.63	42 54 19.0	279	162	
3392	9	46 33.68	44 28 35.6	279	161	
3393	8½	46 34.62	61 28 40.3	672	29	
	8	34.64	41.2	679	28	
	8½	34.71	42.2	672	31	
3394	8	46 35.10	29 31 6.7	670	65	
	8½	35.14	5.7	213	91	
3395	8	46 35.16	61 41 61.5	672	32	
	8½	35.44	59.8	679	27	
3396	8	46 35.98	53 58 27.1	613	40	
3397	9	46 36.29	57 35 11.1	585	157	
3398	9½	46 36.86	58 43 19.2	677	44	
	9½	36.93	19.8	677	47	
3399	9	46 37.22	28 50 55.6	213	90	
	9	37.45	55.5	670	64	
3400	8½	46 37.81	32 59 28.8	274	117	
	8½	37.82	29.1	587	165	
	8½	37.85	30.7	680	26	
	8½	37.97	27.1	223	68	
3401	8½	46 39.84	67 42 1.3	176	89	
	8½	39.85	1.7	573	144	
	8½	39.93	0.5	573	148	
3402	9½	46 40.29	60 8 10.3	624	2	
	9½	40.30	10.7	272	168	
	9½	40.33	11.6	633	1	
3403	9½	46 41.12	38 9 3.8	606	151	
3404	7	46 41.51	56 36 32.8	581	141	
3405	8½	46 43.26	25 54 57.7	228	89	
	8½	43.54	58.8	664	124	
3406	9½	46 44.64	54 51 3.4	234	115	
	10	44.66	2.6	234	113	
3407	8½	46 45.76	51 2 44.8	597	96	
3408	9	46 45.92	39 12 28.7	606	153	
3409	9½	46 46.41	55 53 26.0	237	101	
	8½	46.60	24.0	581	137	
3410	7½	46 47.34	54 28 31.1	613	42	
	7½	47.40	29.4	234	114	
3411	8½	46 47.91	24 3 18.6	226	91	
	8½	48.12	21.0	664	122	
3412	10	46 48.85	52 20 59.4	610	51	
3413	9	46 49.29	74 41 37.8	202	81	
3414	7½	46 53.63	57 45 6.5	621	32	
3415	8	46 54.28	66 9 5.6	626	28	
	7½	54.29	5.6	195†	39	
	8	54.36	5.7	591	94	
3416	8	46 54.37	62 14 30.9	208	100	
3417	9½	46 55.34	55 58 27.1	237	102	
	8½	55.82	25.0	581	138	
3418	8½	46 55.08	24 5 15.8	226	92	
	8	55.09	14.8	664	123	
3419	9	46 55.30	26 43 25.6	228	88	
3420	9½	46 55.77	66 10 23.0	626	29	
	9½	55.82	22.5	195†	40	
3421	9½	46 55.89	54 8 51.3	613	41	
3422	8½	10 46 57.58	51 31 28.5	597	94	
3423	9½	10 46 57.71	45 41 57.2	217	107	
3424	7½	46 58.02	51 8 12.0	597	95	
3425	9½	46 59.88	59 1 45.5	269	203	
	9½	59.90	46.7	269	205	
	9½	60.06	45.6	677	46	
3426	8½	47 0.14	42 55 13.3	279	163	
3427	8½	47 1.56	45 33 11.0	217	106	
3428	9	47 2.07	56 15 37.6	581	140	
3429	8½	47 2.26	39 49 39.0	616	36	
3430	9	47 3.62	56 13 6.1	581	139	
3431	8½	47 4.45	58 2 12.1	621	35	
3432	9	47 5.85	61 31 25.4	672	33	
	9	5.89	24.3	679	29	
3433	9	47 6.76	31 19 60.3	673	52	
	9	6.84	58.6	223	70	
3434	8½	47 8.99	41 2 17.1	278	109	
	8	9.18	17.6	616	35	
3435	9	47 9.53	50 7 55.4	594	114	
3436	8	47 9.82	60 45 55.3	604	46	
3437	8½	47 12.14	27 42 46.3	665	82	
	8	12.20	48.4	231	87	
3438	7	47 12.58	34 49 28.4	587	166	
	6½	12.70	28.6	275	157	
	7½	12.76	28.9	274	118	
3439	9	47 12.79	79 30 1.4	173	96	
3440	9	47 13.52	49 19 4.9	666	126	
3441	9	47 15.29	57 32 6.6	621	34	
	9	15.36	5.0	585	160	
3442	9	47 15.56	58 24 39.6	675	44	
	9	15.74	42.5	579	188	
3443	9	47 17.89	47 39 7.5	662	171	
3444	9½	47 19.64	41 13 46.9	278	108	
3445	8	47 19.99	29 25 51.3	213	93	
	8	20.07	51.1	670	67	
3446	8	47 20.76	57 35 17.7	621	33	
	7½	20.83	16.4	585	159	
3447	8	47 21.25	58 4 59.2	621	36	(dpl. II. n. sq.)
3448	8½	47 23.23	32 19 28.3	680	27	
	8½	23.32	26.7	223	69	
3449	8	47 23.73	39 45 10.6	616	37	
3450	6	47 23.74	56 34 34.5	581	143	
3451	9½	47 26.40	66 11 31.8	626	31	
3452	8½	47 26.44	42 52 47.2	279	164	
3453	9½	47 27.27	36 57 26.8	275	158	
3454	9	47 27.96	46 43 10.3	217	108	
3455	8½	47 28.07	58 32 47.4	579	186	
	8½	28.14	46.1	675	41	
3456	9	47 29.08	58 25 30.3	579	187	
	9	29.24	28.0	675	43	
3457	9½	47 32.62	42 53 52.2	279	165	
3458	9	47 33.09	44 9 19.9	279	167	
3459	9½	47 33.12	36 29 1.5	275	159	
3460	9	47 35.26	56 25 56.8	581	142	
3461	8½	47 35.63	58 31 4.7	579	185	
	8½	35.72	6.1	675	42	
3462	9½	47 35.86	60 12 36.7	633	2	
3463	9½	47 36.99	64 54 21.1	600	100	
	9½	37.08	21.4	600	101	
3464	9	47 37.68	58 45 10.5	677	48	
3465	9	47 37.73	38 12 22.2	606	155	
3466	8½	47 37.94	56 27 54.1	581	144	
3467	9	47 39.72	57 21 15.5	585	161	
3468	9	47 39.95	29 16 56.2	670	69	
	9½	40.01	56.6	213	95	
3469	8	47 40.80	24 9 15.4	664	125	
	8	40.89	15.8	226	93	
3470	9½	47 41.52	42 35 44.3	278	111	} dpl.
3471	9	47 41.59	42 36 0.0	278	110	
3472	8	10 47 44.69	23 40 1.8	226	94	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3473	9	10 47 46.21	67 52 51.8	573	149	
	8½	46.41	52.4	176	90	
	9	46.51	52.5	176	92	
3474	8½	47 47.97	29 14 52.5	213	94	
	8½	47.98	50.8	670	68	
3475	8	47 50.47	53 44 56.2	613	43	
3476	8	47 51.39	38 27 25.5	606	154	
3477	9½	47 52.47	60 38 46.9	604	49	
3478	8½	47 52.67	43 44 47.8	279	166	
3479	9	47 53.01	68 16 31.4	193†	1	
3480	8½	47 55.05	31 39 40.2	673	53	
	8	55.09	39.2	223	71	
3481	10	47 55.06	52 14 25.9	610	52	
3482	8½	47 56.32	49 55 30.5	594	116	
3483	8½	47 58.42	51 7 42.4	597	97	
3484	7½	47 59.30	26 4 53.4	665	83	
	8	59.32	52.2	228	90	
	7½	59.55	54.1	664	126	
3485	8½	48 0.00	61 20 40.3	604	47	
	8½	0.05	41.7	672	34	
	8½	0.06	40.6	679	31	
	8½	0.09	40.5	679	30	
	8½	0.22	43.7	604	52	
3486	9½	48 1.88	58 51 54.6	677	50	
3487	8½	48 2.26	49 57 49.9	594	115	
3488	9	48 2.35	26 31 47.5	228	91	
	8½	2.50	47.7	665	84	
3489	7	48 2.51	57 9 27.4	585	162	
3490	9	48 3.83	29 58 12.8	670	70	
3491	9	48 4.14	58 50 26.6	677	49	
3492	8½	48 6.20	33 50 58.0	587	167	
	8½	6.23	60.0	680	29	
	8½	6.30	56.8	274	119	
3493	9½	48 6.21	60 13 46.9	633	4	
3494	9	48 6.91	69 13 57.0	577	94	
3495	9½	48 7.83	63 32 20.6	205	96	
3496	10	48 8.31	45 54 16.4	217	109	
3497	8	48 8.36	76 27 41.0	242	6	
3498	9	48 9.17	57 11 2.5	585	164	
3499	9	48 9.24	64 43 2.0	600	102	
3500	9½	48 9.79	73 46 50.3	202	83	
3501	7	48 10.07	35 47 29.8	275	161	
3502	8	48 10.26	42 27 5.4	278	112	
3503	9½	48 11.10	59 49 53.9	624	4	
	9	11.11	55.3	624	5	
	9½	11.30	54.3	269	207	
3504	8	48 13.59	51 40 34.2	597	98	
3505	8	48 13.91	62 25 22.4	208	101	
3506	9	48 14.20	32 7 35.2	223	72	
	9	14.27	33.0	680	28	
3507	9	48 15.10	57 13 21.5	585	163	
3508	8½	48 16.22	55 26 47.7	237	104	
3509	8½	48 17.36	72 28 48.6	202	86	
3510	7	48 18.41	58 13 42.9	579	190	
	7	18.52	43.8	621	38	
	7	18.60	42.9	675	47	
3511	9	48 18.75	30 28 58.1	673	54	
3512	7½	48 18.81	50 50 1.0	594	117	
	8	18.81	4.1	597	100	
3513	7½	48 18.90	60 8 62.5	624	6	
	7½	19.00	58.1	633	3	
	7½	19.04	61.8	272	169	
3514	9	48 19.76	37 30 57.5	606	156	
3515	7	48 21.90	75 13 5.4	202	82	
	7	22.00	8.8	242	5	
	7	22.15	7.0	173	99	
3516	9	10 48 22.80	68 23 5.6	573	151	
	9	22.87	3.3	193†	2	
	9½	23.02	6.8	176	94	
3517	9	10 48 22.93	66 51 24.0	591	95	
	9	23.20	24.4	626	30	
3518	9½	48 22.96	59 47 13.4	269	206	
3519	7½	48 23.26	55 45 20.0	237	103	
3520	9	48 23.45	36 35 35.0	275	160	
3521	10	48 23.88	66 32 16.1	195†	41	
3522	8½	48 24.45	50 45 47.0	594	118	
	8½	24.46	46.6	597	99	
3523	9½	48 24.54	26 52 5.9	231	88	
3524	4	48 25.23	58 11 18.8	675	46	
	4	25.24	21.7	621	37	
	4	25.30	21.3	579	189	
3525	7	48 25.83	67 32 47.2	193†	4	
	7	25.84	45.5	573	147	
	7	26.12	47.1	176	91	
3526	8	48 27.25	58 10 17.0	675	45	
	7½	27.26	18.2	621	39	
	8	27.32	18.2	579	191	
3527	9	48 27.78	34 17 49.7	274	120	
3528	10	48 27.79	42 36 4.5	278	113	
3529	8½	48 29.29	39 32 39.3	616	38	
3530	9	48 29.86	54 36 24.5	234	116	
	9	29.93	26.7	613	45	
3531	9	48 30.26	53 15 15.8	610	53	
	9	30.32	14.0	613	44	
3532	9	48 30.96	60 39 21.6	604	48	
3533	8½	48 31.96	48 39 55.1	219	99	
	8½	32.02	53.0	666	127	
3534	9½	48 34.22	60 59 45.3	604	51	
3535	9	48 34.34	32 50 13.5	587	168	
3536	9½	48 35.28	42 43 1.9	278	114	
3537	9	48 36.14	29 48 42.9	670	71	
3538	8½	48 37.57	58 6 56.4	621	40	
3539	9	48 37.80	30 44 11.5	213	96	
	9	37.86	11.4	673	55	
3540	8	48 38.82	48 29 57.0	666	128	
	8	38.87	59.6	219	100	
3541	8½	48 39.07	26 8 33.9	664	127	
	8½	39.13	34.0	228	92	
	8½	39.19	33.5	665	85	
3542	9½	48 39.36	54 48 59.5	234	117	
3543	9½	48 39.44	63 3 50.8	205	98	
3544	7½	48 39.57	68 27 23.8	193†	3	
	8	39.59	25.6	573	150	
	7½	39.65	24.7	176	93	
3545	8½	48 39.59	24 8 39.9	226	95	
3546	9	48 40.96	25 1 5.3	664	128	
3547	9½	48 43.00	63 6 50.2	205	97	
3548	9	48 44.48	64 8 34.4	600	103	
3549	9	48 45.39	58 43 2.5	677	51	
3550	9½	48 45.51	72 31 19.1	202	85	
3551	9½	48 46.95	58 6 27.6	621	41	
3552	8	48 47.96	61 0 1.8	604	50	
3553	8½	48 49.52	24 34 33.0	664	129	
3554	9½	48 50.25	66 31 33.2	195†	42	
3555	7	48 50.37	38 5 20.4	606	158	s.pr.
3556	9	48 50.54	39 25 22.4	616	39	
3557	9	48 51.35	50 47 10.6	594	119	
	9½	51.36	13.6	597	101	
3558	9½	48 51.46	44 17 37.5	279	168	
3559	9	48 51.96	73 4 10.9	202	84	
3560	8½	48 52.10	38 5 1.4	606	157	n.sq.
3561	9	48 53.14	58 55 1.2	677	52	
	9½	53.24	1.6	269	209	
3562	9	48 53.20	46 49 34.8	217	112	
3563	9	48 54.87	47 53 30.7	662	173	
	9	54.90	31.2	219	102	
3564	8	10 48 55.25	29 40 15.8	670	72	
	8½	55.42	15.8	213	97	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3565	8½	10 48 58.38	53 19 46.0	610	54	
3566	8½	48 58.42	44 1 16.4	279	169	
3567	8½	48 59.07	47 52 17.1	662	172	
	8½	59.08	19.7	219	101	
3568	9	48 59.18	32 32 14.3	680	30	
3569	9	49 1.11	60 1 19.9	272	173	
	8½	1.39	18.6	272	170	
	8½	1.40	19.3	624	8	
3570	9	49 1.95	49 7 56.0	666	129	
3571	9	49 3.70	60 25 37.1	604	54	
	9	3.75	37.0	633	6	
3572	9	49 3.90	66 48 36.8	591	96	
3573	9	49 4.59	64 14 0.9	600	104	
3574	9	49 6.43	54 18 28.0	613	46	
3575	7½	49 7.18	59 41 17.3	284	1	
	8	7.27	16.8	272	171	
	8½	7.35	14.4	269	208	
3576	9½	49 7.66	33 12 43.1	274	121	
	9½	8.00	38.9	587	169	
3577	10	49 10.42	28 26 49.1	231	89	
3578	9	49 12.71	46 15 57.3	217	111	
3579	7	49 13.51	61 22 35.4	679	32	
	7	13.56	36.7	672	35	
3580	9	49 14.22	56 58 57.3	585	165	
3581	9	49 15.28	70 44 49.1	577	96	
	9	15.71	48.3	577	100	
3582	9	49 15.74	54 7 4.5	613	47	
3583	9½	49 16.08	26 24 44.1	228	95	
	9	16.23	43.5	665	86	
3584	9	49 16.26	56 26 58.5	581	146	
	9	16.28	56.6	581	145	
3585	9½	49 16.66	31 8 2.8	223	73	
3586	8½	49 19.52	45 54 59.6	217	110	
3587	9½	49 19.87	50 34 5.7	594	120	
3588	9½	49 21.12	61 16 21.0	672	36	
3589	9	49 21.70	66 9 8.4	626	32	
3590	9	49 22.24	49 55 48.4	594	121	
3591	9	49 22.82	29 57 12.2	213	98	
	8½	23.05	11.9	670	73	
3592	7½	49 23.42	54 57 9.8	234	119	
3593	8½	49 24.15	60 5 52.2	624	7	
	8½	24.32	53.5	272	174	
	8½	24.36	52.1	633	5	
3594	8½	49 24.74	70 52 41.6	190†	1	
	8½	24.82	41.7	577	99	
	8½	24.99	42.1	577	95	
	8½	25.12	42.3	202	87	
	8½	25.15	43.4	190†	4	
3595	9½	49 25.34	55 17 53.7	234	118	
3596	8	49 25.74	53 53 41.1	613	48	
3597	9½	49 25.90	59 42 22.2	272	172	
3598	9½	49 26.58	30 37 10.9	673	56	
3599	9	49 27.15	49 57 50.8	594	122	
3600	7½	49 28.45	26 18 44.3	228	94	
	7½	28.53	46.3	665	87	
3601	9	49 28.71	59 54 33.8	269	210	
3602	8½	49 30.02	34 49 50.4	587	170	n. pr.
	8½	30.14	50.3	275	163	
3603	9½	49 30.29	58 8 4.6	621	42	
	9	30.59	3.2	675	48	
3604	9½	49 30.59	34 50 23.3	587	171	
	9½	30.64	21.8	275	162	s. sq.
3605	10	49 30.73	51 53 15.9	597	102	
3606	9½	49 33.11	58 14 27.3	579	192	
	9	33.22	26.7	675	49	
	9½	33.26	28.6	675	51	
	9½	33.27	29.9	621	43	
3607	8½	10 49 33.96	36 10 0.5	275	164	
3608	8½	10 49 35.07	60 22 49.2	633	7	
3609	7	49 35.24	61 9 38.6	604	53	
	7	35.25	37.2	679	33	
3610	8½	49 35.66	33 46 54.5	680	31	
3611	6½	49 36.20	70 3 18.0	190†	2	
	6½	36.63	16.8	577	97	
	6½	36.83	16.9	176	96	
3612	9½	49 37.38	52 39 58.0	610	57	
3613	9	49 37.85	25 41 7.4	228	93	
	8½	37.94	6.8	664	130	
3614	9	49 38.89	66 41 21.8	195†	46	
	9	38.94	21.5	626	34	
	9	38.97	21.3	195†	44	
	9	39.15	20.5	591	97	
3615	9½	49 40.28	31 5 32.0	213	100	
	10	40.50	30.7	223	74	
3616	9½	49 41.50	57 30 24.2	585	166	
3617	9	49 42.93	63 18 23.4	205	99	dpl. III.
3618	9½	49 45.50	52 34 51.2	610	58	
3619	9½	49 46.56	57 54 16.9	621	44	dpl. III. n. pr.
3620	9	49 47.58	66 37 7.5	195†	43	
	9	47.63	9.7	591	98	
	9	47.66	7.3	626	33	
	9	47.67	7.2	195†	45	
3621	10	49 51.42	62 40 3.0	208	102	
3622	8½	49 52.62	27 9 13.8	665	88	
3623	8½	49 53.06	79 17 57.2	242	9	
3624	9	49 53.96	34 45 13.3	587	172	
3625	8	49 56.09	51 59 12.1	597	103	
3626	9	49 56.16	60 18 6.2	633	10	
3627	9	49 56.76	36 0 41.4	275	165	
3628	8	49 56.89	31 7 11.6	673	57	
	8	56.93	10.7	213	99	
	8	57.01	9.3	223	75	
3629	9½	49 58.25	60 47 57.3	604	56	
3630	8½	49 59.10	42 59 20.3	279	172	
	9	59.13	20.7	278	115	
3631	9	50 0.30	44 2 2.2	279	170	
3632	8½	50 1.10	49 12 20.7	666	130	
3633	9	50 2.53	32 23 39.6	680	32	
3634	9½	50 2.68	45 46 23.3	217	114	
3635	9½	50 2.70	52 33 23.1	610	59	
3636	8	50 3.60	34 26 45.1	274	122	
3637	9	50 3.89	43 38 33.1	279	171	
3638	8	50 5.17	71 29 21.0	202	88	
3639	8	50 5.54	48 34 59.8	219	103	
3640	8	50 7.74	53 24 48.2	610	56	
	7½	7.75	48.3	613	49	
3641	9½	50 9.47	53 25 55.2	613	50	
	9	9.60	52.1	610	55	
3642	9½	50 12.72	60 11 31.7	633	9	
3643	9½	50 14.46	35 51 36.0	275	166	
3644	8½	50 14.58	24 55 4.2	664	131	
	8½	14.63	3.7	226	96	
3645	9½	50 14.80	28 35 1.5	231	90	
	9	14.94	1.1	670	74	
3646	9	50 16.67	70 4 34.6	577	98	
	9	16.82	33.4	190†	3	
	9½	16.91	33.8	176	97	
3647	6½	50 18.02	59 51 12.1	624	9	
	7	18.04	13.5	285	1	
	7	18.18	9.9	269	211	
	6½	18.29	12.7	272	175	
3648	10	50 19.85	59 5 9.9	677	53	
3649	9	50 20.18	69 23 16.4	176	95	
3650	9	50 20.67	46 54 25.3	662	174	
	9	20.75	26.9	217	113	
3651	9	10 50 20.72	60 16 23.3	633	8	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
3652	8	10 50 21.01	40 31 59.6	616	40
3653	9½	50 22.15	42 56 57.1	278	116
	9½	22.16	57.4	279	173
3654	7	50 23.56	78 53 40.1	242	8
	6½	23.84	37.1	173	101
3655	9	50 23.73	54 58 59.8	234	120
3656	9	50 24.42	49 6 49.3	666	132
3657	8½	50 24.73	39 24 57.0	616	41
3658	8½	50 24.88	57 57 9.3	621	45
3659	9	50 25.71	49 37 10.3	666	131
3660	9	50 26.91	56 36 45.7	581	148
3661	9½	50 27.80	67 37 59.2	193†	6
3662	9	50 29.01	56 31 50.8	581	147
3663	9	50 30.61	58 34 60.3	579	195
	9	30.67	59.3	675	50
3664	9½	50 34.85	68 35 49.5	573	154
3665	9	50 35.34	47 48 42.2	662	176
	8½	35.39	40.2	219	104
3666	9½	50 35.85	58 59 10.0	579	193
3667	8	50 37.18	67 39 52.8	193†	5
3668	9	50 37.75	63 33 46.8	205	100
3669	9½	50 38.23	42 50 2.5	279	174
	9	38.38	2.6	278	117
3670	9½	50 39.73	60 48 53.0	604	55
3671	9½	50 39.94	68 36 55.6	573	152
3672	8	50 40.38	47 25 27.0	219	106
	8	40.49	23.7	662	175
3673	8½	50 40.45	56 13 58.6	581	151
3674	8½	50 40.56	33 53 53.6	274	123
3675	8½	50 40.71	33 53 51.9	680	33
	8½	40.90	51.4	587	173
3676	8½	50 41.58	48 53 2.1	666	133
3677	9	50 41.74	25 40 42.8	228	96
	8½	41.78	42.8	664	132
3678	9½	50 43.02	25 34 58.1	664	133
3679	9	50 43.48	50 38 45.7	594	123
3680	9	50 43.83	54 33 59.8	613	51
	9	44.16	60.3	234	122
3681	9	50 44.60	39 26 56.1	616	42
3682	8	50 45.97	54 53 47.2	234	121
3683	9	50 46.37	71 3 15.8	577	102
	9½	46.83	14.3	190†	5
3684	9½	50 46.70	50 37 16.6	594	125
3685	9	50 47.71	31 57 32.9	680	36
	9½	47.85	29.2	223	76
3686	9½	50 48.85	29 1 17.0	670	75
3687	9	50 49.97	32 52 6.7	274	124
3688	8½	50 50.61	57 24 33.8	585	167
3689	9½	50 50.69	29 3 54.8	670	76
3690	8½	50 50.87	35 54 56.9	275	167
3691	9½	50 51.64	27 29 33.5	231	92
3692	9½	50 51.79	45 40 31.5	217	116
	9½	51.87	28.6	217	115
3693	8½	50 52.20	51 55 48.7	597	104
	8½	52.36	48.9	610	60
3694	9	50 52.22	59 39 23.8	594	124
3695	9½	50 52.96	55 46 3.6	237	106
	9½	53.10	3.0	237	105
3696	5	50 53.61	36 27 55.4	275	169
3697	9	50 54.26	32 40 8.5	680	34
3698	8	50 56.92	30 32 7.2	213	101
	8	57.03	6.9	673	58
3699	8	50 57.93	59 43 30.4	284	3
	8½	57.94	32.2	624	13
	8½	57.97	32.3	285	3
	9	57.97	33.4	272	176
	9	58.11	29.3	269	212
3700	9	50 58.51	78 54 8.0	242	7
3701	8½	10 50 58.64	58 51 29.2	579	194
	8½	58.72	30.4	677	54
3702	9	10 50 58.82	31 53 23.2	680	35
	9½	59.02	21.7	223	77
3703	8	50 58.86	47 39 52.3	219	105
	8	58.88	52.0	662	177
3704	9	50 59.00	68 33 30.3	573	153
3705	8	50 59.12	41 22 24.7	278	118
3706	8	50 59.22	54 13 41.4	613	54
3707	8½	51 0.94	57 24 26.8	585	168
3708	9	51 1.34	49 35 30.1	666	134
3709	8½	51 2.55	39 54 12.3	616	43
3710	9	51 2.98	47 41 24.6	662	178
3711	9½	51 3.16	59 49 34.9	624	15
	9½	3.23	35.6	272	179
	9½	3.26	33.5	269	214
	9	3.28	35.8	284	5
3712	9½	51 3.31	59 8 15.1	677	55
3713	9	51 4.30	59 43 23.2	624	10
	9	4.32	23.4	272	177
	9	4.37	23.7	624	12
	8½	4.39	22.4	284	2
	8½	4.55	24.8	285	4
	9	4.56	23.9	269	215
3714	9	51 5.38	27 48 29.6	665	89
	9	5.54	31.3	231	91
3715	7	51 7.70	57 23 3.7	585	169
3716	9½	51 8.05	66 37 25.0	626	35
3717	9	51 10.18	38 5 13.5	606	159
3718	7½	51 10.49	59 47 10.7	285	2
	8	10.57	9.8	284	4
	7½	10.61	10.7	272	178
	8	10.63	7.0	269	213
	8	10.81	14.2	624	14
3719	9½	51 10.58	35 6 15.9	587	174
3720	8½	51 12.03	56 10 35.5	581	150
3721	7½	51 12.27	49 56 19.7	594	127
3722	7½	51 14.31	56 53 2.0	585	170
	7	14.45	1.6	581	154
	7½	14.48	0.2	581	149
3723	8½	51 14.61	54 12 21.0	613	53
3724	9½	51 14.73	68 14 32.8	573	157
	9	14.91	30.3	193†	9
3725	9	51 15.90	65 20 14.5	591	99
	9	16.05	17.3	626	37
3726	9	51 15.96	59 50 48.4	272	180
	9	16.06	45.2	624	11
	9½	16.12	49.7	624	16
	9½	16.12	46.2	269	216
	9	16.16	48.6	284	6
3727	9	51 16.88	61 2 28.6	604	58
3728	9	51 17.01	31 21 54.5	673	59
	9	17.24	55.3	223	78
3729	8½	51 18.32	61 7 19.8	679	34
	9	18.50	20.4	604	57
3730	9	51 20.91	24 37 33.9	664	134
3731	9½	51 21.26	29 53 39.6	213	102
3732	8	51 21.45	68 7 25.0	573	156
	7½	21.93	25.2	193†	8
3733	9½	51 21.47	35 53 32.1	275	168
3734	9½	51 21.81	54 31 31.7	613	52
	9½	21.91	30.1	234	123
3735	9	51 22.67	59 21 46.8	284	7
3736	9½	51 23.49	27 25 15.4	231	93
3737	9	51 24.36	68 59 54.3	573	155
3738	8½	51 26.28	28 36 50.0	670	77
3739	9½	51 26.40	61 34 26.3	672	37
3740	8½	51 26.52	67 53 37.1	193†	7
3741	9½	10 51 26.60	58 10 55.7	621	46
	9½	26.72	56.1	579	197
	9½	26.81	54.2	675	52

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3742	9	10 51 30.16	53 12 25.6	610	62	
3743	10	51 30.62	58 15 32.1	621	48	
	9½	30.71	31.0	675	53	
3744	9	51 31.55	50 43 24.7	594	126	
3745	9	51 32.48	37 3 20.6	275	171	
	8½	32.55	18.9	281	1	
3746	8½	51 32.91	59 51 24.7	624	17	
	9	33.00	23.7	272	181	
	9	33.17	22.3	269	217	
3747	9½	51 33.39	37 4 7.1	275	170	
	9	33.53	4.0	281	2	
3748	7½	51 33.93	44 8 27.8	279	175	
3749	9	51 35.77	56 14 34.7	581	153	
3750	9½	51 36.92	65 28 9.8	626	36	dpl. III. s.pr.
3751	8	51 38.56	61 2 29.8	604	59	
3752	9½	51 39.26	70 47 10.8	577	101	
3753	9½	51 40.19	24 28 30.7	664	135	
3754	9	51 40.24	78 59 27.2	242	11	
3755	8½	51 41.00	40 18 2.5	616	44	
3756	6½	51 41.32	50 5 49.8	594	128	
3757	8½	51 41.45	56 11 46.8	581	152	
3758	7½	51 41.69	37 10 27.5	281	3	
3759	8½	51 41.69	49 4 9.8	666	135	
3760	9	51 42.26	29 35 29.1	213	103	
3761	8	51 42.38	57 59 21.0	621	47	
3762	9	51 43.09	39 42 45.6	616	45	
3763	9	51 45.20	56 54 34.5	585	171	
3764	9	51 45.42	31 14 51.0	223	79	
	9	45.53	52.4	673	60	
3765	8½	51 45.75	23 22 11.1	226	97	
3766	9	51 46.61	44 7 33.6	279	176	
3767	9½	51 46.65	41 28 55.8	278	119	
3768	9½	51 48.15	47 23 27.9	219	107	
3769	9	51 51.04	64 38 8.6	600	105	
3770	9	51 52.02	52 23 16.7	610	61	
3771	8	51 53.17	40 27 44.9	616	46	
3772	9½	51 53.31	63 32 48.1	205	101	
3773	8½	51 54.06	74 31 19.0	202	89	
3774	10	51 54.85	58 17 57.5	621	49	
3775	9	51 55.88	48 43 5.3	219	108	
	9	55.92	3.7	666	136	
3776	9½	51 56.39	53 17 29.4	610	63	
3777	9	51 56.70	45 46 8.6	217	117	
3778	9	51 57.14	60 15 40.3	633	15	
	9	57.19	41.3	285	7	
	9½	57.28	39.1	633	11	
3779	8½	51 57.85	40 38 45.3	616	47	
3780	9	51 58.84	51 9 35.2	597	105	
3781	8½	51 59.65	34 58 23.6	587	177	
	8½	59.65	21.8	275	173	
	8½	59.73	23.4	274	126	
3782	9½	52 0.12	55 40 47.3	237	107	
3783	8½	52 0.32	27 38 51.7	231	94	
	8½	0.37	49.9	665	90	
3784	9	52 1.03	55 4 28.1	234	124	
3785	7½	52 2.34	45 12 26.1	217	118	
3786	9	52 2.63	59 7 57.2	579	196	
	9	2.67	59.0	677	56	
3787	10	52 4.68	61 21 34.0	672	38	
3788	9	52 5.61	60 31 14.0	604	60	
	9	5.84	15.1	633	13	
3789	9½	52 8.50	67 6 51.9	626	39	
	9½	8.58	49.2	195†	47	
	9½	8.58	49.0	591	100	
3790	9	52 8.78	60 10 40.0	624	18	
	9	8.98	39.0	285	6	
	9	9.07	41.4	633	16	
	9	9.07	37.2	633	12	
3791	9½	10 52 8.81	56 50 16.9	585	172	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3792	9½	10 52 11.86	58 25 46.6	675	54	
3793	8	52 12.57	28 34 14.3	670	78	
	8	12.60	15.2	231	95	
3794	9	52 13.86	26 18 51.6	665	91	
3795	9	52 14.88	60 3 24.8	285	5	
3796	9½	52 15.22	45 16 10.6	217	119	
3797	8½	52 15.30	34 53 44.2	275	174	
	8½	15.38	44.0	274	127	
	8½	15.43	43.4	587	176	
3798	9	52 15.83	44 38 41.7	279	179	
3799	8	52 16.42	41 22 9.3	278	120	
3800	9	52 18.72	30 53 42.1	213	104	dpl. II. s.sq.
	8½	18.80	40.0	673	62	
	8½	18.98	39.8	223	80	
3801	9½	52 19.40	64 15 58.7	600	106	
3802	10	52 20.09	60 26 24.8	604	61	
	9½	20.51	21.7	633	14	
3803	8	52 20.34	38 2 41.2	281	4	
	8½	20.43	40.6	606	160	
3804	8	52 20.95	34 59 60.1	275	172	
	8	21.07	59.7	587	175	
	8	21.14	58.5	274	125	
3805	10	52 21.92	41 16 44.1	278	121	
3806	9	52 22.14	31 55 54.1	680	37	
	9	22.19	52.7	673	61	
3807	7½	52 22.58	52 0 45.0	597	106	
3808	9	52 23.90	53 48 58.4	613	55	
3809	9	52 24.92	64 27 57.0	600	107	
3810	9½	52 25.84	61 27 9.1	672	41	
3811	9	52 26.76	68 6 6.8	573	159	
3812	9½	52 28.43	49 50 45.7	594	129	
3813	8	52 29.72	23 52 31.7	664	136	
	8½	29.91	31.5	226	99	
3814	8	52 30.99	23 31 54.5	226	98	
3815	9	52 31.46	58 3 16.2	621	51	
3816	9½	52 34.33	31 26 34.3	223	81	
3817	8½	52 34.35	61 49 51.2	679	36	
3818	9½	52 34.73	59 24 37.5	284	8	
3819	9	52 35.94	58 1 48.1	621	52	
3820	7½	52 37.63	67 59 57.6	193†	11	
	7½	37.94	56.2	573	158	
3821	9½	52 38.66	25 26 34.1	228	97	
	9	38.75	33.8	664	137	
3822	9½	52 39.14	30 22 8.2	673	63	
3823	9	52 39.95	39 16 9.6	616	49	
3824	8½	52 40.46	61 24 45.7	679	35	
	9	40.59	47.7	672	40	
3825	9	52 40.74	57 16 46.5	585	173	
3826	8½	52 42.24	57 22 40.3	585	174	
3827	10	52 42.44	58 0 47.4	621	50	
3828	7	52 42.91	59 3 47.0	579	199	
	7	42.92	48.1	677	57	
	7	43.05	48.9	284	9	
	7	43.11	45.4	269	218	
3829	8	52 43.25	28 28 6.6	231	96	
	8	43.38	6.2	670	79	
3830	9½	52 44.27	50 36 51.6	594	130	
3831	7½	52 45.60	44 15 56.5	279	177	
3832	9½	52 46.81	67 8 59.2	626	38	
	10	47.34	59.6	195†	48	
3833	9	52 47.03	62 4 7.2	679	38	
	9½	47.28	3.5	208	103	
	9	47.34	5.7	672	42	
3834	8	52 47.22	53 39 47.0	613	56	
3835	9½	52 47.50	55 36 48.7	237	108	
3836	8½	52 47.63	39 15 29.8	616	50	
3837	8	52 48.26	55 6 51.9	234	125	
3838	7½	10 52 48.81	37 32 3.2	606	161	
	7	48.82	2.0	281	5	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3839	10	10 52 49.39	25 25 45.8	228	98	
	9½	49.55	45.5	664	138	
3840	9	52 52.08	69 18 46.5	577	106	
3841	8	52 53.51	70 41 6.6	190†	7	n. pr.
	8	53.51	7.8	577	103	
	8	53.84	6.1	176	98	
3842	9	52 53.76	44 50 59.9	279	181	
3843	8½	52 55.22	70 41 31.3	577	104	s. sq.
	8½	55.49	30.6	190†	6	
	8½	55.56	29.0	176	99	
3844	9	52 56.13	61 38 8.9	672	39	
3845	7	52 56.26	68 22 10.8	573	162	dpl. II. n. pr.
	7	56.33	9.4	193†	10	
3846	9	52 59.77	58 28 54.4	579	198	
	9	59.84	53.4	579	201	
	9	59.88	54.9	675	55	
3847	8½	52 59.83	40 54 1.3	278	122	
	8	59.92	1.5	616	48	
3848	9	53 0.46	68 38 48.6	573	163	
3849	9½	53 0.87	62 15 36.4	208	105	
3850	9	53 1.82	51 28 48.7	597	107	
3851	9	53 2.16	44 14 1.4	279	178	
3852	9½	53 4.46	33 49 15.6	680	40	
	9	4.54	16.6	587	181	
3853	9½	53 4.53	51 17 1.3	597	108	
3854	8½	53 5.60	44 44 12.3	279	180	
3855	10	53 6.56	46 46 37.6	217	120	
3856	9½	53 7.24	35 49 51.1	275	176	
3857	9	53 7.29	68 33 35.4	573	161	
3858	8½	53 8.64	33 57 26.6	680	38	
3859	9	53 8.69	27 47 5.5	665	92	
3860	9½	53 8.85	55 58 52.7	237	109	
	9½	9.03	51.2	581	158	
3861	9	53 9.67	56 42 16.9	585	178	
	9	9.81	14.2	581	155	
3862	9	53 11.32	70 5 49.9	190†	9	
3863	8½	53 11.39	28 29 24.0	670	80	
	8½	11.39	24.0	231	97	
3864	8	53 12.03	34 12 23.3	274	128	
	8	12.09	23.3	587	178	
3865	8½	53 12.97	51 23 1.6	597	109	
3866	8	53 13.47	33 41 55.2	587	180	
	8	13.51	53.8	680	39	
3867	9	53 15.06	33 38 9.9	680	41	
3868	9½	53 16.09	29 16 4.4	670	81	
3869	9	53 16.95	37 28 33.8	606	162	
3870	9½	53 18.88	63 19 43.6	205	103	
	9½	18.93	42.9	205	102	
3871	8	53 19.55	35 49 1.1	275	175	
3872	6	53 19.95	33 3 56.0	223	82	
	6	20.06	57.0	587	179	
	6	20.06	59.7	680	42	
3873	9½	53 20.30	62 11 52.2	208	104	dpl. II.
3874	8	53 21.71	49 36 15.8	666	137	
	8½	21.72	16.6	594	131	
	8	21.74	13.9	219	109	
3875	9½	53 22.13	68 5 14.2	573	160	
3876	9	53 22.26	54 16 11.2	613	60	
3877	7½	53 22.70	57 19 22.4	585	175	
3878	8	53 22.70	26 5 56.7	228	99	
	7½	22.83	57.9	665	94	
	8	22.89	55.7	664	139	
3879	9	53 23.78	56 48 49.0	585	176	
	9	23.92	49.8	581	156	
3880	9½	53 24.42	39 17 8.7	616	51	
3881	9½	53 24.87	53 11 1.7	610	65	
	9½	25.05	0.9	613	59	
3882	9½	10 53 26.92	61 12 6.6	604	62	
	9½	26.96	7.0	679	37	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3883	9½	10 53 27.51	54 51 27.2	234	126	
3884	9½	53 27.51	52 58 41.3	610	64	
3885	9½	53 29.15	34 17 58.6	274	129	
3886	9½	53 30.33	57 32 31.5	621	54	
3887	8½	53 30.65	26 48 45.7	665	93	
3888	9	53 32.34	46 42 20.7	217	121	
3889	8½	53 35.29	53 23 24.6	610	67	n. pr.
	8½	35.61	24.2	613	57	
3890	8	53 36.07	70 26 16.6	176	100	
	8	36.28	17.9	190†	8	
	8	36.37	17.7	577	105	
3891	9	53 37.08	48 13 2.6	662	179	
3892	9	53 38.57	53 23 32.3	613	58	s. sq.
	9	38.79	32.8	610	66	
3893	8	53 39.09	32 24 19.0	223	83	
3894	9½	53 39.44	65 17 34.8	600	108	
3895	10	53 40.32	30 41 24.4	213	105	
3896	9	53 40.59	39 9 5.5	606	163	
	8½	40.61	5.0	281	6	
	9½	40.83	4.8	616	52	
3897	10	53 40.92	32 22 24.4	223	84	
3898	6½	53 41.84	74 25 51.1	202	90	
	6½	42.17	49.3	202	92	
3899	8	53 43.25	60 11 35.6	624	20	
	8	43.36	35.6	633	17	
	8	43.47	35.7	285	8	
3900	9	53 43.93	41 44 55.0	278	124	
3901	9½	53 44.85	56 35 8.8	581	157	
3902	9	53 45.81	54 13 5.7	613	61	
3903	8½	53 46.79	31 34 14.7	223	85	
	9	46.89	13.0	673	64	
3904	10	53 47.04	40 50 15.1	278	123	
3905	9	53 48.71	45 56 8.1	217	123	
3906	8	53 49.59	37 47 14.5	281	7	
	8½	49.60	15.9	606	164	
3907	9½	53 50.08	44 48 25.3	279	182	
3908	9	53 51.02	24 51 41.6	228	100	
	9	51.08	40.4	664	141	
3909	9½	53 51.19	46 48 30.7	217	122	
3910	9	53 52.70	26 59 42.5	231	98	
3911	8	53 53.35	69 15 38.8	577	107	
3912	7½	53 54.98	34 28 24.3	587	182	
	8	55.12	22.1	274	130	
3913	9½	53 56.93	59 48 50.2	624	19	
	9	57.10	52.3	285	10	
3914	9	53 57.39	62 44 27.9	208	107	
3915	8	53 57.44	58 29 53.5	675	56	
3916	9	53 58.41	25 4 20.6	664	140	
	9	58.50	21.1	226	100	
3917	8½	53 59.44	59 18 15.4	284	11	
3918	9½	53 59.52	54 48 12.2	234	128	
3919	9½	54 0.58	54 49 25.5	234	127	
3920	9	54 1.74	52 19 56.7	610	69	
3921	8	54 2.52	26 36 41.9	665	95	
3922	8½	54 3.76	58 43 42.6	579	202	
	8½	3.86	40.1	677	58	
	8½	3.88	43.7	677	63	
3923	8½	54 4.02	60 27 29.0	633	18	
	9	4.02	30.4	604	65	
	9	4.19	30.7	604	63	
	8½	4.29	29.2	285	9	
3924	9½	54 4.18	57 28 5.7	621	56	
3925	9	54 4.22	57 0 40.0	585	179	
3926	8½	54 4.52	48 46 14.0	219	110	
	8	4.64	11.2	666	138	
3927	9	54 5.44	31 39 27.7	223	86	
	9	5.49	30.8	673	65	
3928	8½	10 54 6.63	37 14 56.7	606	165	
	8½	6.67	54.8	281	8	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
3929	9	10 54 8.91	57 27 16.1	621	55
3930	10	54 9.82	57 33 30.4	621	53
3931	9½	54 10.77	56 5 17.7	237	110
	9½	11.24	19.9	581	160
3932	9	54 12.06	40 44 2.5	616	53
3933	7	54 12.28	60 39 2.4	604	64
	7	12.80	4.5	633	19
3934	8½	54 13.32	59 32 31.6	284	10
3935	9	54 13.76	59 14 30.3	284	12
3936	9½	54 15.43	53 15 13.2	610	68
3937	9½	54 15.43	66 53 59.6	626	40
	9½	15.44	59.5	591	102
	9½	15.49	58.9	591	101
3938	9	54 16.22	49 1 47.2	219	112
	8½	16.25	44.2	666	139
3939	9	54 16.51	55 56 55.7	237	111
	9	16.54	57.3	581	159
3940	9	54 17.84	47 58 44.5	662	180
3941	9	54 19.14	54 21 34.4	613	62
3942	9	54 21.18	63 10 49.4	205	104
	9	21.51	51.1	205	106
3943	9	54 22.84	27 2 46.0	665	96
	9	22.94	46.4	231	99
3944	8½	54 23.23	49 37 10.6	594	132
3945	9½	54 23.92	44 46 47.2	279	183
	9½	23.96	46.9	279	185
3946	9	54 24.09	58 57 33.4	579	204
	9	24.29	31.2	677	59
3947	9	54 24.65	48 26 9.4	662	181
3948	9	54 24.74	56 49 22.3	585	177
3949	5	54 25.35	41 33 19.6	278	125
3950	9½	54 26.57	51 22 39.5	597	110
3951	9	54 26.91	58 59 58.4	579	205
	9	26.93	60.7	677	60
3952	9½	54 31.00	59 43 42.5	285	12
3953	9	54 31.58	25 11 4.1	228	101
	8½	31.68	6.5	664	143
	8½	31.71	2.3	226	101
3954	9	54 31.93	74 55 52.6	202	93
	9	32.12	52.2	202	91
3955	8½	54 37.62	49 49 24.9	594	133
3956	9	54 38.46	57 0 38.3	585	182
3957	8½	54 38.55	45 55 49.2	217	124
3958	8	54 38.83	61 48 50.8	672	43
	8	39.12	49.9	679	39
3959	9½	54 40.07	26 49 0.2	665	97
	9	40.18	3.4	231	100
3960	9½	54 40.89	57 29 47.0	621	57
3961	8½	54 41.07	25 2 46.3	228	102
	8	41.19	47.2	226	102
	8	41.19	46.7	664	142
3962	9½	54 41.18	41 25 6.3	278	126
3963	9½	54 41.48	39 42 40.5	616	55
3964	9	54 41.53	62 50 16.3	208	106
	9	41.55	18.1	205	105
3965	6½	54 41.64	51 8 51.2	597	111
3966	9	54 41.87	59 44 29.0	624	21
	9	42.09	28.3	285	11
3967	9½	54 42.68	65 59 4.0	195†	50
	9½	42.81	0.7	626	41
3968	9	54 43.08	44 41 7.1	279	184
3969	10	54 43.43	62 51 6.8	208	108
3970	10	54 44.12	54 56 55.2	234	130
3971	9	54 44.17	58 54 21.5	677	61
	9	44.23	23.4	579	203
	9	44.36	23.1	284	14
3972	6½	10 54 44.99	31 10 20.3	213	106
	6½	44.99	18.7	673	66
	6½	45.05	18.3	223	87
3973	8½	10 54 46.83	48 57 60.0	219	111
	8½	46.96	58.9	666	140
3974	9	54 49.44	54 59 47.1	234	129
3975	9½	54 52.06	29 13 2.8	670	82
3976	8½	54 55.14	34 9 47.3	254	2
	9	55.17	49.0	587	185
	9	55.24	48.2	274	132
	8½	55.26	46.6	680	43
3977	9½	54 55.60	57 40 40.0	621	60
3978	8½	54 56.66	53 53 50.6	613	64
3979	8½	54 57.18	58 41 46.3	677	62
3980	10	54 57.19	57 24 27.6	621	58
3981	8	54 57.26	58 29 55.1	579	200
3982	9	54 58.19	79 53 12.7	242	14
	9	58.29	12.2	242	10
3983	8½	54 58.30	58 12 48.1	675	57
3984	8½	54 58.64	34 53 21.7	587	183
	8½	58.69	20.1	274	131
	8½	58.84	17.7	275	177
	8½	58.88	22.8	631	1
	8½	58.90	19.1	254	1
3985	8½	54 59.17	48 39 58.1	666	142
3986	8½	54 59.63	49 41 47.4	666	141
	8½	59.74	46.9	594	134
3987	9	55 0.65	48 20 2.0	662	182
	9	0.67	5.1	666	144
	9	0.79	5.8	219	114
3988	8½	55 0.71	34 17 22.2	587	184
	8½	0.85	23.3	254	4
	8½	0.87	22.6	274	133
3989	8½	55 0.80	55 10 35.0	237	114
	8½	1.01	31.5	234	131
3990	9	55 1.29	59 18 27.3	284	13
3991	9½	55 2.12	55 58 57.4	237	113
	9½	2.50	59.6	581	162
3992	7½	55 2.15	56 53 24.1	585	180
	8	2.45	22.3	581	163
3993	9	55 3.71	34 7 47.4	587	186
	9	3.79	49.1	274	134
	9	3.80	49.8	680	44
	9	3.81	45.9	254	3
3994	9½	55 4.04	31 7 49.4	223	88
3995	8	55 5.90	51 16 35.4	597	112
3996	9½	55 5.94	29 18 45.2	670	83
3997	10	55 5.99	31 7 7.4	223	89
3998	9	55 6.30	56 1 56.1	237	112
	9	6.31	53.6	581	161
3999	9½	55 6.44	39 41 31.5	616	56
4000	7	55 7.49	39 49 36.5	616	54
4001	9½	55 7.50	57 44 13.8	621	59
4002	9½	55 7.91	61 27 30.8	672	44
4003	9	55 9.00	59 40 11.4	624	22
	9	9.32	12.7	285	13
4004	7	55 12.34	52 26 29.7	610	70
4005	8	55 13.00	58 18 45.6	579	207
	8½	13.01	46.1	621	61
	8½	13.05	42.8	675	58
4006	9	55 14.42	49 45 33.1	594	135
4007	9	55 14.59	45 9 15.6	217	125
	8½	14.63	13.7	279	186
4008	9	55 15.30	52 54 17.7	610	72
4009	8	55 18.04	48 20 46.2	662	183
	8	18.15	48.9	666	145
	8	18.17	49.7	219	113
4010	9	55 20.36	47 51 48.4	662	184
4011	9	55 20.57	57 1 35.7	585	183
	9	20.72	36.8	585	181
4012	8½	10 55 21.74	32 51 59.6	587	187
	9	21.84	61.0	680	45

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
4013	9	10 55 22.35	54 41 7.5	234	132	
	9	22.52	10.4	613	63	
4014	7	55 22.43	51 24 12.6	597	113	
4015	9½	55 23.82	31 2 5.1	223	90	
4016	8½	55 26.84	59 41 53.0	624	25	
	8½	26.93	52.5	284	18	
	8½	26.97	51.8	624	23	
	8½	27.05	52.8	285	14	
4017	9½	55 27.23	27 29 24.5	665	98	
	9	27.28	27.6	231	101	
4018	9½	55 28.06	52 29 43.2	610	71	
4019	9	55 28.73	29 3 24.7	231	102	
4020	9	55 28.97	60 13 8.9	633	20	
4021	9	55 29.35	28 55 33.4	670	84	
4022	9½	55 29.86	49 47 16.8	594	136	
4023	8½	55 30.49	59 37 59.8	284	15	
	8	30.70	60.0	285	16	
4024	9½	55 31.96	31 23 15.3	673	67	
4025	8½	55 35.14	65 53 11.7	626	42	
	8½	35.21	10.6	195†	49	
4026	9½	55 36.34	37 37 41.8	606	166	
4027	9½	55 37.53	59 47 0.6	284	19	
	9	37.70	1.8	624	26	
4028	10	55 37.54	31 3 43.8	223	91	
4029	9½	55 37.87	36 21 8.0	631	2	
4030	8½	55 37.93	68 10 11.6	193†	15	
4031	9½	55 39.91	58 19 31.8	675	59	
	9	40.02	31.8	579	208	
4032	9½	55 40.22	58 50 0.9	579	206	
	9½	40.65	2.6	677	64	
4033	9½	55 40.42	61 56 32.7	679	40	
	10	40.57	35.1	208	109	
4034	8	55 40.84	51 32 11.7	597	114	
4035	9½	55 42.80	69 1 56.6	573	165	
	9½	42.81	58.2	577	109	
	10	42.86	56.4	193†	13	
4036	8½	55 44.00	52 52 54.2	610	73	
4037	8½	55 44.49	69 7 38.7	577	108	
	8½	44.52	37.3	573	164	
	8	44.53	35.2	193†	12	
	8½	44.59	38.8	190†	11	
4038	8	55 46.83	59 39 16.1	624	24	
	8½	46.91	15.6	284	16	
	8	46.93	15.3	285	15	
4039	9	55 48.86	48 40 27.0	666	143	
	9	48.94	28.6	219	115	
4040	8½	55 49.21	65 5 8.9	600	110	
4041	9	55 49.67	37 2 21.6	275	178	
	8½	49.72	21.1	281	9	
	8½	49.99	24.1	631	4	
4042	8	55 50.09	33 14 15.4	587	188	
	8½	50.21	15.8	274	135	
	8½	50.23	14.2	254	5	
	8½	50.25	15.0	680	46	
4043	9½	55 50.25	61 44 17.9	679	41	
4044	9	55 51.05	60 21 35.0	633	21	
4045	9	55 51.81	57 15 55.3	585	185	
4046	9½	55 52.08	55 39 12.6	237	115	
4047	8	55 53.02	65 21 32.4	600	109	
	8	53.04	37.9	591	104	
	8	53.11	33.6	195†	51	
	8	53.14	33.7	626	43	
4048	9	55 55.62	29 12 1.9	670	85	
4049	9½	55 57.82	59 33 29.3	284	17	
4050	9½	55 59.91	39 48 52.3	616	57	
4051	8½	56 0.17	53 54 49.0	613	65	
4052	8½	56 1.13	43 57 6.6	279	188	
4053	8½	56 2.63	56 5 44.8	581	164	
4054	9	56 2.88	57 26 30.0	585	184	
4055	9	10 56 3.24	58 28 41.3	675	60	
4056	9½	10 56 4.07	71 16 25.9	190†	10	
4057	8½	56 5.31	60 33 1.0	633	22	
	8½	5.34	0.4	604	66	
4058	9½	56 6.21	43 56 47.5	279	189	
4059	10	56 6.25	28 8 57.3	665	99	p
4060	9½	56 7.01	62 6 54.7	208	110	
	9	7.11	53.9	672	45	
4061	9	56 8.91	65 10 45.4	195†	52	
	9	9.10	42.7	626	44	
	9	9.16	41.9	591	103	
	9	9.17	43.2	600	111	
4062	9½	56 9.11	50 29 48.5	594	137	
4063	9	56 9.53	55 54 13.0	581	165	
4064	7½	56 10.45	37 9 40.3	281	10	
	8	10.51	39.4	275	179	
	7½	10.63	43.4	631	3	
4065	9	56 11.07	60 35 26.3	633	25	
	9½	11.13	26.2	604	67	
4066	9½	56 11.89	48 5 48.5	662	186	
4067	9	56 14.56	43 2 42.7	278	127	
	9	14.64	42.7	279	187	
4068	9	56 15.19	68 30 51.8	573	167	
	9½	15.23	49.1	193†	14	
4069	10	56 16.87	39 56 54.5	616	58	
4070	6½	56 21.39	26 9 17.9	664	144	
	6½	21.52	19.1	665	100	
	6½	21.68	19.3	228	103	
4071	9½	56 21.41	46 23 3.6	217	126	
	9½	21.41	4.5	217	127	
4072	9	56 21.59	59 39 37.2	624	28	
	9	21.97	36.6	285	18	
4073	9½	56 25.06	42 42 59.8	278	128	
4074	7	56 27.57	40 26 28.2	616	59	
4075	9½	56 27.87	50 28 23.0	594	138	
4076	8	56 30.00	60 22 37.0	633	23	
4077	8½	56 31.81	80 10 49.0	242	13	
4078	8½	56 32.49	70 47 8.3	190†	14	
	8½	32.88	8.9	577	110	
4079	9	56 33.45	57 31 13.2	585	186	
4080	9½	56 33.49	38 31 50.2	606	167	
	8½	33.52	53.2	281	13	
4081	9	56 33.82	61 26 10.0	672	46	
4082	8½	56 34.75	60 53 25.8	604	68	
4083	9	56 35.88	49 18 47.5	219	116	
	9	35.95	48.8	666	149	
4084	8½	56 36.33	59 39 17.7	624	27	
	8½	36.59	17.3	284	21	
	8½	36.61	20.0	285	17	
4085	9	56 37.24	53 22 47.6	610	74	
	9	37.51	47.2	613	66	
4086	8	56 37.57	48 7 32.9	662	185	
	8	37.58	33.5	666	146	
4087	8	56 38.46	25 12 58.3	228	104	
	8	38.64	56.3	664	146	
	8½	38.67	56.2	226	103	
4088	9½	56 39.04	36 52 32.4	275	181	
	9½	39.18	34.8	631	5	
4089	9	56 39.99	28 48 21.7	231	103	
	9½	40.10	30.9	213	107	
	9	40.16	22.6	670	87	
4090	8	56 40.67	66 56 44.5	573	166	
4091	8½	56 40.67	43 12 8.9	279	191	
4092	9	56 43.14	37 31 20.3	281	11	
4093	9	56 44.64	34 23 24.8	254	6	
	9	44.71	29.0	587	189	
4094	9½	56 45.51	63 32 45.3	205	107	
4095	9½	56 45.94	61 6 7.4	604	69	
4096	9	56 46.31	80 7 14.3	242	12	
4097	9½	10 56 46.86	61 12 46.7	604	70	
	9	46.88	42.0	679	42	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
4098	8½	10 56 46.88	58 42 20.3	677	65	
4099	9	56 47.54	38 32 53.3	606	168	
	8½	47.66	53.3	281	12	
4100	8½	56 48.43	40 14 7.2	616	60	
4101	9	56 50.20	61 22 56.0	672	47	
4102	8½	56 50.65	23 18 56.0	226	104	
4103	8½	56 50.65	55 14 24.5	234	136	
	8½	50.72	24.9	234	133	
4104	9	56 51.16	55 44 0.5	237	116	
4105	9	56 51.35	36 52 27.9	275	180	
4106	9	56 51.35	28 3 6.1	670	86	
4107	9	56 51.44	36 52 30.0	631	6	
	9	51.49	29.3	606	169	
4108	9½	56 53.02	48 12 5.4	666	147	
	9½	53.06	4.4	662	187	
4109	8	56 55.10	63 37 53.7	600	114	
	8	55.18	51.5	205	108	
4110	9½	56 55.97	34 23 58.7	254	7	
	10	55.99	57.1	587	190	
4111	9½	56 56.08	55 39 41.1	237	117	
4112	10	56 56.37	36 38 31.7	631	7	
4113	9½	56 57.98	58 7 8.8	621	62	
4114	9½	57 1.11	61 16 55.0	672	49	
4115	9	57 1.58	61 29 23.7	679	43	
	8½	1.60	24.1	672	48	
4116	9	57 1.74	25 44 33.5	664	145	
4117	7	57 1.88	24 54 11.2	226	105	
4118	10	57 1.91	53 22 40.9	610	75	
4119	9½	57 2.16	49 24 53.7	666	150	
	9½	2.18	52.4	219	118	
	9½	2.23	52.5	594	139	
4120	9	57 2.58	47 47 5.8	662	188	
4121	8½	57 2.83	50 55 41.8	597	115	
4122	9½	57 2.92	59 41 3.7	624	29	
	9½	2.99	5.5	285	20	
	9½	3.13	6.4	284	22	
4123	8½	57 3.67	43 2 43.8	279	190	
	9	3.86	42.9	278	129	
4124	9½	57 6.12	49 39 33.4	594	142	
4125	8	57 7.44	65 20 26.6	195†	53	
	8	7.48	22.1	591	105	
	8	7.52	25.0	626	45	
4126	8½	57 7.85	57 13 12.6	585	187	
4127	9	57 8.04	64 54 21.9	600	113	
4128	8½	57 9.07	28 30 33.0	670	88	
4129	10	57 9.10	52 2 33.4	597	116	
4130	9	57 9.26	49 45 23.8	594	141	
	8½	9.38	22.2	219	119	
4131	9½	57 11.32	53 53 33.9	613	67	
4132	9½	57 11.58	58 48 32.6	677	67	
4133	9	57 11.79	58 47 27.1	677	66	
4134	8½	57 12.28	58 5 16.4	621	63	
4135	9½	57 13.14	59 41 42.8	624	30	
	9	13.43	44.9	285	19	
4136	8½	57 14.75	49 27 48.6	666	148	
	8½	14.85	49.6	594	140	
	8½	14.85	46.9	219	117	
4137	9	57 14.96	65 55 35.0	195†	54	
	9	15.34	33.3	591	106	
	9	15.42	33.9	626	47	
4138	7½	57 15.14	26 50 42.5	665	101	
4139	9	57 15.45	64 51 34.1	600	112	
4140	8	57 15.57	44 46 38.4	279	192	
4141	8½	57 15.70	60 32 53.7	633	24	
4142	9	57 15.73	59 50 38.7	284	20	dpl. III. s. sq.
	9	15.76	39.8	285	21	
	9	16.01	39.2	624	32	
4143	8½	57 16.70	25 14 54.4	228	105	
	9½	16.77	57.7	664	149	
4144	9½	10 57 17.31	40 22 21.3	616	61	dpl. III. n. pr.

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
4145	9	10 57 18.00	35 8 52.8	274	136	
4146	9	57 18.56	42 51 30.8	278	130	
4147	7	57 18.84	31 17 14.5	673	68	
	7	18.91	12.3	223	92	
4148	8½	57 19.68	54 46 21.3	234	135	
4149	9	57 20.—	56 6 16.5	581	166	
4150	9	57 20.68	63 35 26.9	600	115	
	9	20.75	24.3	205	109	
4151	9	57 22.14	27 5 1.8	231	105	
4152	9½	57 23.45	60 8 35.9	633	28	
4153	9	57 24.34	67 46 5.0	573	168	
	9	24.35	2.0	193†	16	
	9	24.51	2.9	193†	17	
4154	9½	57 26.03	52 34 24.0	610	76	
4155	9½	57 26.49	46 47 53.7	217	128	
4156	9½	57 26.93	36 7 59.3	275	183	
	9	27.07	62.5	631	8	
4157	9	57 27.74	55 35 58.4	237	118	
4158	9½	57 29.52	55 39 12.7	237	119	
4159	9½	57 29.56	55 9 59.9	234	134	
4160	9½	57 29.76	29 7 13.0	213	108	
	9	29.92	14.0	670	90	
4161	9	57 30.47	58 8 48.4	621	65	
	9	30.47	48.0	675	61	
	9	30.61	48.0	579	209	
4162	10	57 31.40	70 53 30.9	190†	13	
4163	9½	57 32.10	25 9 50.8	664	147	
	9½	32.13	52.8	228	107	
4164	10	57 35.08	62 48 48.6	208	113	
4165	7	57 35.27	59 4 5.0	289	1	
	7½	35.30	5.9	284	23	
	7	35.41	6.7	677	69	
4166	9	57 35.46	67 32 52.1	193†	18	
4167	9	57 36.14	29 35 32.1	670	89	
4168	9½	57 36.38	65 54 58.8	626	48	
4169	8½	57 36.50	25 15 35.9	228	106	
	8½	36.68	35.4	664	148	
4170	9½	57 36.54	62 48 43.3	205	112	
4171	8½	57 36.67	58 1 45.4	621	64	
4172	9	57 37.74	24 59 12.8	228	108	
	8½	37.85	11.3	226	106	
4173	9	57 38.55	27 4 47.6	231	104	
4174	8	57 40.73	50 19 3.5	594	143	
4175	8	57 40.88	70 50 26.5	577	111	
	8½	40.90	27.0	190†	12	
4176	9½	57 40.96	34 15 43.2	587	191	
	9½	41.04	42.1	254	8	
4177	9	57 41.43	38 20 59.1	281	14	
4178	9	57 41.57	37 43 41.7	606	170	
4179	9	57 41.78	35 59 24.8	275	182	
	8½	41.78	24.5	631	9	
4180	9½	57 42.19	60 33 31.3	633	29	
4181	9	57 42.88	45 46 41.8	217	129	
4182	8½	57 44.43	61 48 20.9	672	50	
	8½	44.60	19.3	679	44	
4183	9	57 45.17	42 21 1.2	278	131	
4184	9½	57 46.38	62 49 16.8	208	111	
	9	46.43	18.4	205	110	
	9	46.64	18.4	205	111	
4185	9	57 47.49	64 1 57.2	600	117	
4186	8	57 49.34	71 4 27.6	577	113	
4187	9	57 51.46	33 2 25.8	680	48	
	9	51.47	27.1	254	9	
	9	51.51	29.7	587	192	
4188	8	57 51.55	74 59 33.2	202	94	
4189	8	57 51.77	58 26 19.8	675	67	
	8	51.83	18.6	675	63	
	8	51.85	19.6	579	210	
	8	51.93	20.8	289	3	
4190	8	10 57 52.23	74 59 36.1	242	17	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
4191	9	10 57 52.31	56 17 31.4	581	167	
4192	8½	57 52.63	40 25 59.5	616	62	
4193	9	57 52.84	66 37 13.3	195†	56	
	9	52.89	15.1	626	49	
	9	52.99	13.4	591	107	
4194	9½	57 52.98	25 6 56.2	664	151	
4195	9½	57 54.80	58 52 15.5	677	68	
4196	8	57 56.46	60 9 8.5	624	34	
	8	56.74	5.0	633	26	
4197	7½	57 57.06	32 46 12.3	680	47	
	7½	57.08	10.9	223	93	
4198	9	57 57.80	30 53 3.7	673	69	
4199	9½	57 57.94	55 44 0.9	237	120	
4200	7	57 58.07	60 14 15.5	633	27	
4201	9	57 58.31	58 27 26.2	579	212	
	9	58.56	25.6	675	62	
4202	9½	57 58.37	29 5 21.7	231	106	
	9½	58.48	22.8	213	110	
	9	58.50	23.9	670	92	
4203	8½	57 58.38	29 9 2.3	670	91	
	9	58.56	2.4	213	109	
4204	9	57 58.54	58 13 7.6	675	65	
	9½	58.86	8.7	579	213	
4205	7	57 58.56	60 14 16.5	285	24	
4206	9	57 58.84	59 42 42.4	624	31	
4207	8	57 59.89	72 48 54.1	202	96	
4208	9	58 0.05	40 30 56.5	616	63	
4209	9	58 0.53	65 30 36.1	591	109	
	9	0.87	35.6	626	46	
4210	9½	58 1.00	61 13 6.2	604	72	
	9	1.03	3.5	679	45	
4211	10	58 2.90	43 49 11.7	279	193	
4212	9	58 3.19	25 17 4.4	664	150	
4213	9	58 4.07	61 5 45.1	604	71	
4214	9	58 4.65	60 0 20.7	624	33	
	8½	4.83	21.7	285	23	
4215	9	58 4.69	58 24 35.0	579	211	
	9½	4.69	35.7	675	64	
4216	9½	58 5.35	53 44 45.3	613	69	
4217	8½	58 11.90	62 23 35.4	208	112	
4218	9	58 13.09	57 16 22.6	585	189	
4219	9	58 13.52	26 36 47.2	228	109	
	8½	13.64	47.0	665	102	
4220	9	58 13.58	64 1 20.7	600	116	
4221	7	58 13.82	50 40 45.3	597	117	
4222	9	58 13.86	61 47 12.4	672	51	
4223	9	58 15.08	56 51 55.0	585	188	
	9	15.10	55.5	581	168	
4224	9½	58 15.13	58 6 44.9	621	66	
4225	9	58 15.50	53 15 42.0	610	78	
	9½	15.56	40.8	610	77	
	9	15.60	39.2	613	68	
4226	8½	58 16.42	51 25 27.4	597	118	
4227	8½	58 17.03	67 14 11.8	573	169	
	8	17.12	11.5	193†	19	
	9	17.19	10.0	195†	57	
4228	9	58 17.15	70 49 28.7	577	114	
	9	17.36	28.1	190†	15	
	8½	17.37	27.4	577	112	
4229	10	58 18.03	50 12 53.5	594	145	
4230	8	58 18.42	66 27 11.3	591	108	
	8½	18.46	14.5	626	50	
	8½	18.59	13.0	195†	55	
4231	8	58 19.35	39 38 4.8	616	64	
4232	7	58 19.43	50 21 21.9	594	144	
4233	9	58 22.33	36 9 53.8	275	185	
	8½	22.46	57.4	631	11	
4234	9½	10 58 22.49	31 18 18.1	673	70	
	9½	22.52	15.4	223	94	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
4235	9½	10 58 22.87	72 47 18.4	202	95	
4236	9	58 23.90	49 14 51.3	666	151	
4237	7½	58 24.12	36 2 53.7	275	184	
	7½	24.30	52.8	631	10	
4238	9	58 24.21	75 22 48.7	242	15	
4239	9	58 26.53	57 10 34.2	585	190	
4240	8	58 27.62	58 45 33.2	289	2	
	8	27.67	34.4	677	72	
	8	27.69	34.6	289	4	
4241	9	58 29.52	57 33 48.9	585	194	
4242	9½	58 29.63	58 6 50.2	621	67	
4243	9	58 31.19	43 14 29.6	279	195	
4244	8½	58 31.22	45 3 58.8	279	194	
	9	31.31	60.6	217	134	
4245	9	58 31.57	58 59 34.4	677	71	
4246	9½	58 31.64	61 53 57.0	679	48	
4247	9½	58 32.55	50 24 25.9	594	146	
4248	9	58 33.37	54 24 19.8	234	137	
4249	8½	58 33.48	30 10 4.4	673	71	
	8	33.54	5.3	213	111	
	8	33.76	5.8	670	93	
4250	9	58 34.02	61 27 25.0	672	52	
4251	8½	58 35.65	59 54 23.1	624	35	
	8½	35.86	22.0	285	22	
4252	7	58 36.97	53 31 26.2	613	70	
4253	7½	58 37.07	39 8 51.2	281	15	
	7½	37.07	50.2	606	171	
4254	7½	58 38.37	42 0 13.3	278	133	
4255	8½	58 38.43	58 5 32.5	621	68	
4256	9½	58 40.03	45 22 54.4	217	130	
4257	9½	58 40.97	51 47 57.1	597	119	
4258	9½	58 41.77	58 11 14.5	675	66	
4259	9½	58 42.62	55 5 51.8	234	138	
4260	7	58 43.33	57 16 53.0	585	191	
4261	9½	58 43.71	42 25 7.1	278	132	
4262	10	58 44.65	31 24 7.9	223	95	
4263	9	58 46.43	26 9 52.7	665	103	
4264	9	58 46.90	58 11 50.2	579	214	
4265	9½	58 47.62	65 19 40.1	591	111	
4266	9	58 49.02	54 10 59.5	613	73	
4267	9	58 49.07	46 54 11.0	662	189	
4268	9½	58 49.36	35 8 2.7	274	137	
	9½	49.38	7.0	631	14	
	9½	49.71	0.8	587	193	
4269	9	58 50.06	33 13 37.1	680	49	
	9	50.09	38.9	587	196	
	9	50.17	37.8	254	10	
4270	10	58 50.87	36 17 21.2	275	186	
	9½	51.03	22.1	631	12	
4271	10	58 51.85	24 32 9.6	664	152	p
4272	9½	58 51.98	26 49 29.0	228	110	
	9½	52.07	29.5	231	107	
4273	9½	58 52.61	61 24 14.4	679	46	
	9½	52.64	11.5	672	53	
4274	6	58 54.02	47 0 21.0	662	190	
	6	54.21	22.2	219	120	
4275	9	58 55.25	57 5 24.3	585	192	
4276	8½	58 57.41	58 3 16.4	621	69	
4277	8½	58 58.86	50 32 51.3	594	147	
4278	6	59 0.—	35 7 57.-	275	188	
	6	0.07	51.6	587	195	
	6	0.10	50.5	274	139	
	6	0.11	55.0	631	15	
4279	8½	59 0.56	37 1 45.4	606	172	
	9	0.60	46.6	275	187	
	8	0.66	45.0	281	16	
	8½	0.71	47.8	631	13	
4280	8½	59 0.68	52 26 5.0	610	81	
4281	9½	10 59 2.01	40 58 8.3	616	65	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
4282	8	10 59 2.86	45 25 29.5	217	132	
4283	9	59 3.66	58 5 44.8	621	71	
4284	9	59 3.95	51 46 54.5	597	123	
	9	4.07	54.1	597	120	
4285	9	59 4.09	49 6 54.1	666	153	
4286	8½	59 4.10	60 18 21.1	633	30	
	8	4.52	23.2	285	25	
4287	9	59 4.92	49 38 26.4	666	152	
4288	8½	59 5.03	74 55 16.8	202	97	
	8	5.12	16.9	242	16	
4289	9	59 5.42	26 11 5.0	228	112	
	9	5.52	3.8	665	104	
4290	8½	59 5.44	45 19 42.2	217	133	
4291	8½	59 5.87	60 15 21.3	633	32	
4292	9	59 5.94	65 51 30.5	626	51	
4293	9	59 6.23	34 55 50.7	587	194	
4294	9	59 6.35	61 51 4.8	672	54	
	9	6.44	6.5	672	55	
	9½	6.54	5.8	679	47	
4295	9	59 7.60	35 12 16.3	274	138	
	9	7.81	19.7	631	16	
4296	8	59 8.60	70 57 9.5	190†	17	
	8	8.97	12.2	577	115	
4297	9½	59 10.46	31 30 6.0	673	72	
	10	10.75	3.0	223	96	
4298	9	59 11.13	70 45 41.4	190†	16	
	9	11.17	44.2	577	116	
	9	11.59	43.6	190†	19	
4299	9½	59 11.99	45 28 0.2	217	131	
4300	9	59 12.15	57 5 45.9	585	193	
4301	8½	59 12.56	59 8 15.7	677	73	
	8½	12.84	15.7	284	25	
4302	7½	59 12.69	29 45 37.3	213	112	
	7½	12.83	41.7	670	94	
4303	8½	59 12.85	53 18 33.7	613	72	
	9	12.90	34.7	610	79	
4304	9½	59 12.95	59 5 6.8	284	24	
	9½	13.02	6.3	677	70	
4305	9	59 13.16	34 35 35.3	254	12	
4306	8	59 13.17	59 11 40.5	284	26	
4307	9½	59 14.97	33 37 18.5	680	50	
	9½	15.15	16.8	254	11	
4308	5	59 18.63	26 37 8.6	665	105	
	5	18.81	7.9	228	111	
4309	9½	59 18.64	29 51 32.6	213	113	
	9	18.65	34.3	670	95	
4310	8½	59 20.26	58 4 54.8	621	70	
4311	8	59 20.56	47 31 21.2	662	191	
	7½	20.69	22.5	219	121	
4312	8	59 21.26	60 48 49.6	604	73	
4313	9½	59 22.31	41 45 33.5	278	135	
4314	9	59 22.92	53 21 22.9	610	80	
	8½	23.30	23.3	613	71	
4315	9	59 23.78	47 29 38.1	662	194	
	9	23.95	40.2	219	124	
4316	9	59 24.48	48 38 4.7	666	155	
4317	9	59 25.99	62 17 16.5	208	114	
4318	9	59 27.99	65 21 0.5	591	110	
4319	6½	59 28.57	48 43 4.3	666	154	
4320	9½	59 29.13	66 7 12.1	626	52	
4321	9	59 29.17	24 20 40.5	664	153	
4322	9½	59 29.21	62 51 10.3	205	113	
4323	9	59 29.25	58 1 43.3	621	73	
4324	8½	59 30.61	48 41 38.7	666	156	
4325	9½	59 31.66	61 53 56.5	672	56	
4326	9½	59 33.20	52 1 46.3	610	83	
4327	8	10 59 33.31	42 52 5.8	279	196	
4328	8½	10 59 34.42	47 26 45.9	219	122	
	9	34.62	46.6	662	193	
4329	9	59 35.56	47 37 34.0	662	192	
	9	35.64	34.4	219	123	
4330	9	59 36.68	41 39 6.1	278	134	
4331	9½	59 36.99	51 34 11.9	597	121	
4332	9	59 37.34	52 12 17.3	597	124	
	9	37.47	16.2	610	82	
4333	9	59 37.72	59 59 18.3	624	39	
4334	9	59 37.87	59 51 34.7	624	36	
4335	9	59 42.00	58 7 14.6	621	72	
4336	9	59 42.03	59 52 5.8	624	38	
4337	10	59 42.33	54 30 20.6	234	139	p
4338	9½	59 42.60	55 43 40.7	237	121	
4339	8½	59 42.70	58 20 36.7	675	69	
	8½	42.90	37.7	289	5	
4340	9½	59 43.07	66 8 29.0	626	53	
4341	10	59 43.67	60 22 55.4	633	34	
4342	7	59 44.21	59 11 5.6	284	28	
4343	9½	59 44.22	60 16 5.1	633	33	
4344	8	59 45.61	60 22 36.7	633	31	
	7½	45.78	37.8	285	26	
4345	9	59 47.20	59 2 18.4	579	216	n.pr.
	9	47.36	19.0	677	75	
4346	9	59 48.07	59 49 32.7	624	37	
4347	9	59 48.29	48 30 54.5	666	157	
4348	9	59 48.29	51 42 42.1	597	122	
4349	9	59 48.51	51 35 40.0	594	148	
4350	8	59 48.80	34 47 52.7	254	13	
	8½	48.93	51.2	274	140	
	8	49.04	50.6	587	199	
4351	9	59 48.94	46 13 4.8	217	138	
4352	8½	59 49.50	59 2 20.6	677	74	s.sq.
	8	49.52	19.6	579	215	
	8½	49.63	21.2	284	29	
4353	9½	59 49.56	67 3 42.2	195†	60	
	9½	49.67	45.0	591	112	
	9½	49.68	44.0	626	55	
	9½	49.85	45.4	193†	21	
	9½	49.90	42.4	195†	58	
4354	9	59 49.59	58 59 19.4	677	77	
	9	49.61	17.4	579	217	
4355	8	59 49.73	48 56 24.5	666	158	
4356	9	59 51.21	58 20 29.2	675	68	
	9	51.27	32.5	289	6	
4357	8	59 51.35	69 15 19.0	577	118	
4358	8½	59 51.84	67 20 27.9	193†	20	
	8½	52.10	28.7	573	171	
4359	8½	59 51.86	66 12 48.9	591	114	
	8½	52.03	47.6	626	54	
4360	8	59 52.31	63 56 29.6	600	118	
4361	6½	59 53.99	26 36 44.3	665	106	
	6	54.01	44.4	228	113	
4362	8½	59 54.07	59 16 55.4	284	27	
4363	10	59 54.25	45 26 43.0	217	135	
4364	9½	59 55.45	45 52 16.5	217	137	
4365	8	59 55.70	71 13 2.3	190†	18	
4366	9½	59 56.34	33 34 27.0	680	51	
	9½	56.41	27.6	587	197	
4367	9	59 58.28	38 52 36.0	606	173	
	8½	58.35	38.3	281	18	
	9	58.36	35.5	616	66	
4368	9	59 58.79	27 18 48.9	231	108	
4369	9	59 59.41	58 24 28.2	579	218	
	9	59.61	26.8	675	70	
4370	9	10 59 59.46	68 35 31.8	573	170	

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HORA XI.

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1	8	11 0 0.04	37 15 15.5	281	17	
2	9	0 0.56	57 31 29.3	585	195	
3	8½	0 1.12	60 30 7.7	633	35	
	9	1.19	7.0	604	77	
	8½	1.29	6.3	285	27	
4	9½	0 1.35	41 34 49.2	278	136	
5	8½	0 1.46	27 8 53.9	665	107	
	8½	1.60	55.4	231	109	
6	8½	0 1.70	34 52 36.4	587	200	
	9	1.80	35.6	274	141	
	8½	1.82	36.3	254	14	
	9	1.86	34.5	275	189	
	8½	1.97	38.1	631	19	
7	9	0 1.81	64 44 27.8	600	120	
8	8½	0 2.60	49 52 38.5	594	149	
9	8½	0 3.04	44 32 45.4	279	197	
10	8	0 5.05	41 13 56.3	278	137	
11	8½	0 6.36	73 34 27.5	202	98	
12	9½	0 9.33	60 9 13.3	624	40	
13	9	0 10.16	39 9 4.4	281	19	
	9½	10.18	5.3	616	67	
14	9½	0 11.67	53 34 53.1	613	74	
15	8½	0 13.79	70 6 51.7	577	119	
16	9½	0 14.34	57 56 52.4	621	74	dpl. III. s.
17	9½	0 17.78	60 59 34.2	604	75	
18	9½	0 18.17	34 12 3.4	274	142	
	9	18.28	2.1	587	198	
19	9½	0 18.84	63 53 29.4	600	119	
20	9	0 19.17	56 11 26.0	581	169	
21	9	0 20.40	61 10 14.3	679	49	
	9	20.44	15.0	604	74	
22	8½	0 20.51	29 17 39.8	670	96	
	8½	20.67	39.3	213	114	
23	9	0 21.02	60 36 59.8	604	76	
	9	21.32	58.2	633	36	
24	9	0 21.30	30 25 25.9	673	73	
25	9	0 21.77	56 14 41.0	581	170	
26	9½	0 22.64	63 5 45.9	205	114	
27	9½	0 24.35	45 28 38.2	217	136	
28	9	0 24.77	67 18 25.5	573	172	
29	9	0 25.56	36 28 29.6	631	17	
30	9	0 26.43	36 22 17.7	631	18	
31	9	0 28.32	58 0 8.5	621	75	
32	8½	0 29.28	33 4 21.1	680	52	
	8½	29.50	17.0	223	97	
33	9	0 29.39	57 21 22.5	585	196	
34	9½	0 29.93	24 33 21.7	664	155	
35	9½	0 31.03	29 8 13.6	213	115	
36	6½	0 32.11	50 32 9.6	635	3	
37	10	0 34.04	46 9 23.2	217	139	
38	7½	11 0 34.06	43 41 40.4	279	198	
39	9	11 0 35.19	58 39 21.7	675	71	
	8½	35.19	19.2	677	76	
	8½	35.35	17.5	579	219	
40	7	0 37.01	28 3 4.0	665	108	
	7	37.14	4.9	670	97	
	7	37.15	6.3	231	110	
41	9½	0 37.72	59 17 54.0	284	31	
42	9½	0 38.03	34 35 5.6	254	16	
43	9½	0 38.84	60 28 1.3	285	29	
	9½	38.88	0.8	633	39	
44	9	0 40.88	25 40 14.7	664	154	
45	8½	0 41.42	58 2 59.3	621	76	
46	9½	0 43.68	55 4 55.7	234	140	
47	7	0 44.48	49 46 19.9	635	1	
	7	44.61	19.6	219	125	
	7	44.64	17.6	594	150	
48	8	0 44.74	22 52 48.5	226	108	
49	8	0 45.24	50 55 42.5	594	153	
	8½	45.29	42.1	597	126	
	8	45.44	43.0	635	4	
50	8½	0 46.25	58 0 46.2	621	78	
51	9½	0 47.90	55 48 3.2	237	123	
52	8½	0 48.31	67 13 41.5	193†	22	
	9	48.44	40.6	195†	61	
	8½	48.53	42.0	628	1	
	9	48.61	40.5	195†	59	
	9	48.84	41.2	591	113	
	9	48.92	44.1	573	173	
53	9½	0 48.93	66 16 15.5	626	56	
54	9	0 49.26	52 55 43.3	610	84	
55	9	0 49.81	60 30 2.4	633	38	
	9	50.21	4.5	285	31	
	8½	50.32	3.4	285	28	
	9	50.38	4.4	604	79	
56	8	0 50.02	58 33 58.7	579	220	
	8	50.08	58.1	675	72	
57	9	0 50.79	58 12 62.7	289	8	
	8½	50.81	59.4	579	221	
	8½	50.89	61.9	675	74	
58	8	0 51.30	23 28 28.8	226	107	
59	7½	0 51.59	59 16 29.6	284	30	
60	7	0 52.01	29 52 38.9	213	116	
	7	52.14	39.0	670	98	
61	9	0 52.68	55 14 21.3	237	122	
	9	52.95	21.3	234	141	
62	6½	0 53.78	50 16 53.9	594	152	
	6½	53.79	54.0	635	2	
63	9	0 55.12	58 3 44.1	621	77	
64	8	11 0 55.63	58 10 7.3	289	7	
	8½	55.68	6.0	675	73	
	8½	55.75	8.5	675	75	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
65	8½	11 0 56.76	60 22 46.5	633	41
	8½	56.95	45.3	285	32
66	9½	0 57.12	60 28 38.4	604	80
	9	57.17	37.4	285	30
	9	57.21	40.5	633	40
67	8½	0 57.41	60 34 4.4	604	78
	8½	57.56	4.3	633	37
68	7	0 58.03	74 28 46.9	202	99
69	9	0 58.31	42 56 17.0	279	199
70	8½	0 58.72	41 49 11.5	278	139
71	8	0 59.88	70 11 50.6	190†	23
	8	59.98	50.5	577	121
72	10	1 1.39	26 17 23.2	665	109
73	9	1 1.74	59 57 39.4	624	41
74	9	1 3.68	53 3 23.1	610	85
75	9½	1 3.87	35 12 12.6	274	144
	9	3.88	14.2	631	21
	8½	4.11	11.0	254	15
76	8½	1 4.69	57 17 13.7	585	197
77	8½	1 8.28	46 40 53.9	217	141
78	9	1 10.48	34 50 22.8	631	20
	9	10.58	23.7	587	201
79	7	1 10.54	31 54 35.4	673	74
	7	10.61	33.6	223	98
80	7½	1 11.17	58 0 0.2	621	80
81	7½	1 11.28	52 16 28.5	597	125
82	9½	1 11.69	25 13 41.9	664	156
83	9½	1 12.72	53 34 25.2	613	75
84	9	1 13.64	52 58 12.7	610	86
85	8	1 15.08	32 52 43.6	274	143
	9	15.12	40.0	223	99
	8	15.13	44.9	587	203
	8	15.21	44.7	680	54
86	9½	1 15.34	38 55 3.9	616	68
87	9	1 15.42	58 53 39.6	677	78
88	9½	1 16.43	58 14 43.1	675	77
89	9½	1 17.04	25 14 17.3	664	157
90	10	1 18.03	29 49 33.9	213	117
91	9½	1 19.03	67 21 31.8	573	174
	9	19.67	33.2	193†	23
92	9½	1 19.74	46 37 11.0	217	140
93	9½	1 20.33	56 5 39.9	237	124
94	8½	1 20.68	64 50 2.2	600	121
95	9½	1 21.00	56 29 42.7	581	171
96	9½	1 21.80	50 13 29.5	594	151
97	10	1 22.35	26 17 7.1	665	110
98	8½	1 23.99	40 46 46.4	616	69
99	9	1 24.18	62 12 55.5	208	115
100	8½	1 24.98	57 54 30.9	621	79
101	10	1 25.06	36 36 3.9	275	191
	10	25.07	7.1	631	23
102	7	1 25.24	27 48 55.3	231	111
103	5	1 25.36	61 44 54.5	672	58
	5	25.45	55.4	679	51
104	7	1 25.77	64 9 51.0	600	122
105	9½	1 27.80	36 42 0.0	275	190
	9½	27.96	5.1	631	22
106	9	1 28.97	78 11 45.4	242	19
107	9½	1 29.16	41 48 3.3	278	140
108	8½	1 29.33	70 52 55.6	190†	20
	8½	29.65	53.9	577	117
109	5½	1 29.95	41 57 51.1	278	138
110	7½	1 30.18	68 6 25.4	628	3
	7½	30.41	22.2	573	176
111	9	1 31.15	78 29 8.6	242	20
112	8	1 31.70	61 10 45.2	672	57
	8	31.88	45.6	679	50
	8	31.97	46.3	604	81
113	8½	11 1 31.96	59 2 23.6	677	84
	9	32.07	22.2	677	79
114	9½	11 1 32.65	33 28 15.7	680	53
115	9	1 34.25	54 22 57.6	234	142
	9	34.27	56.1	613	76
116	8	1 36.11	58 7 4.4	621	82
117	9	1 36.49	57 33 34.5	585	198
	8½	36.88	36.0	585	200
118	8	1 38.97	71 59 50.1	202	100
119	9	1 39.44	32 53 11.5	680	55
	9	39.46	10.2	274	145
	9½	39.55	8.4	223	100
	8½	39.57	12.3	587	202
120	9	1 43.00	39 31 52.7	616	72
121	10	1 43.59	62 55 37.1	208	116
122	8½	1 43.74	58 59 30.5	677	80
123	8½	1 43.75	47 34 9.9	219	126
124	9½	1 44.17	23 7 25.7	226	110
125	9½	1 47.64	60 24 46.9	285	34
126	8½	1 48.61	59 6 57.4	284	33
	9	48.94	54.7	677	81
127	9	1 48.62	65 19 52.2	195†	63
	9	48.82	50.7	591	115
	9	48.84	52.0	626	58
128	8½	1 49.43	58 2 25.5	621	81
129	9	1 50.72	54 26 44.6	234	143
	9	50.87	45.3	613	77
130	10	1 50.90	66 56 9.9	626	57
131	7½	1 51.48	67 14 54.0	628	2
	8	51.65	52.9	195†	62
	7½	51.67	54.5	573	175
	8	51.71	53.3	193†	24
132	8½	1 52.63	23 10 55.3	226	109
133	8	1 53.04	58 13 53.9	289	10
	8	53.07	52.0	289	9
	8½	53.10	54.1	675	76
	8½	53.18	52.8	579	222
134	9	1 53.14	56 34 49.4	581	172
135	9	1 53.24	59 59 33.3	624	43
136	9½	1 53.48	45 10 4.2	217	142
	8½	53.66	1.8	279	200
137	9	1 54.08	72 9 34.9	202	101
138	9	1 54.68	53 11 35.8	610	89
139	7	1 55.07	47 57 54.1	219	127
140	8	1 55.53	62 26 29.9	208	117
141	9½	1 55.57	40 26 30.6	616	70
142	8½	1 56.51	54 36 55.6	234	144
	9	56.51	57.9	613	78
143	8½	1 56.92	59 37 13.5	284	32
144	9½	1 57.03	39 32 29.5	616	73
145	9	1 57.83	38 40 59.6	281	20
146	6½	1 58.04	29 29 35.5	670	99
	7	58.07	39.0	213	118
147	8	1 58.09	59 11 49.7	284	34
148	9½	1 58.82	26 52 54.0	231	112
149	7½	1 58.99	37 43 50.8	281	21
150	9	2 2.06	59 51 59.0	624	42
151	8½	2 2.61	59 8 28.3	284	36
	8½	2.94	25.4	677	82
152	9	2 3.31	59 47 16.7	624	44
153	10	2 4.21	61 22 23.0	672	60
154	10	2 6.28	44 7 31.0	279	201
155	9	2 8.06	27 35 25.6	665	112
156	9	2 8.49	60 17 13.7	285	33
157	8½	2 9.12	53 23 11.0	610	88
158	9	2 10.11	26 26 46.2	228	114
	9	10.29	44.7	665	111
159	9½	2 12.07	53 24 11.9	610	87
160	8	2 13.09	61 18 18.8	672	59
	8½	13.20	20.0	679	52
	8½	13.24	19.4	604	82
161	9	11 2 13.80	60 5 42.5	633	42

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
162	6½	11 2 14.15	29 17 45.1	213	119
	6½	14.16	44.6	670	100
163	7½	2 14.31	75 27 16.6	242	18
164	9	2 14.56	39 0 38.1	616	71
165	8½	2 14.87	40 15 34.7	616	74
166	8	2 15.58	41 42 54.0	278	141
167	8½	2 15.68	31 58 44.4	680	56
	8½	15.76	42.7	223	102
	8½	15.79	43.6	673	76
168	9	2 16.04	31 24 32.8	223	101
	9	16.06	35.1	673	75
	9	16.09	37.7	673	77
169	9	2 16.30	37 48 13.2	281	22
170	8½	2 16.35	55 59 3.2	237	125
	8½	16.52	3.3	581	175
171	8	2 16.81	49 51 46.1	635	5
	8½	16.84	47.2	594	154
172	8½	2 16.87	59 17 12.9	284	35
173	7½	2 17.42	70 9 13.5	190†	24
	7½	17.43	14.4	577	122
174	9½	2 18.52	25 28 30.2	664	158
175	9½	2 19.08	59 6 12.7	284	37
176	8½	2 19.50	33 37 57.2	587	204
	8½	19.70	57.4	680	57
177	6	2 19.62	70 12 6.3	190†	22
	6	19.92	5.3	577	120
178	9	2 20.10	23 51 30.1	664	159
179	9½	2 21.92	59 56 15.1	624	46
180	9½	2 22.12	26 50 28.5	231	113
181	8½	2 22.51	58 4 49.7	621	83
182	9½	2 22.58	50 26 36.7	594	156
183	9½	2 23.71	55 7 50.2	237	127
184	9½	2 24.57	33 1 1.7	254	18
185	8	2 25.83	58 59 40.3	677	83
	8	25.90	40.0	284	38
186	8	2 26.16	52 7 37.4	597	127
	8½	26.29	38.9	610	90
187	9	2 26.24	59 59 15.3	624	45
188	8½	2 29.19	33 4 55.2	254	17
	8½	29.35	53.5	223	103
189	8	2 32.86	29 27 2.9	213	120
	8	32.91	2.4	670	101
190	10	2 34.16	40 52 7.8	278	142
191	9½	2 35.68	70 53 25.5	577	123
	9½	35.93	22.8	190†	21
192	9	2 36.08	35 50 48.6	631	24
193	7½	2 36.80	57 36 52.4	585	201
194	7½	2 37.87	29 4 11.9	213	121
	7½	38.06	11.5	670	102
195	9½	2 39.18	27 25 35.8	665	114
196	9½	2 39.37	59 56 45.1	624	47
197	9	2 40.49	58 10 22.5	621	84
	9	40.56	—	579	223
	9	40.57	23.3	289	11
198	7	2 40.59	51 43 45.4	597	128
199	6	2 41.15	27 24 9.0	665	113
	6	41.22	12.3	231	114
200	8½	2 41.83	48 42 45.5	219	128
201	9	2 42.93	30 5 37.0	673	78
202	9	2 45.17	57 15 50.4	585	199
203	9½	2 45.79	58 19 33.8	675	80
204	9	2 46.55	38 49 22.7	281	24
205	9	2 46.95	56 51 24.1	581	173
206	7	2 47.66	38 47 46.6	281	23
207	8½	2 49.23	33 43 39.3	587	205
	8	49.33	41.8	254	19
	8½	49.39	42.5	680	58
208	9½	11 2 51.96	44 9 9.7	279	202
209	7½	11 2 52.35	60 8 54.7	633	43
	7½	52.37	57.4	624	49
	7½	52.45	55.7	285	36
	7½	52.48	58.3	633	47
210	8½	2 52.62	50 28 54.6	635	7
	8½	52.73	53.2	594	157
211	8½	2 52.79	49 49 22.9	594	158
	8½	52.81	23.1	635	6
	8½	52.89	25.1	594	155
212	9½	2 53.04	30 13 4.0	673	79
213	8½	2 54.92	59 34 10.5	284	39
214	8½	2 55.28	58 15 54.2	579	224
	9	55.53	55.3	289	13
	9	55.60	53.6	675	78
215	9½	2 56.64	35 7 54.6	275	192
216	9½	2 56.64	66 29 57.6	626	59
217	9½	2 59.17	66 23 55.2	626	61
218	9½	2 59.33	60 54 42.0	604	86
219	9½	2 59.44	62 4 2.7	672	61
	10	59.47	1.2	208	118
220	9	3 0.08	64 16 46.1	600	123
221	9	3 3.16	48 59 6.0	219	129
222	9	3 3.34	55 48 30.1	237	126
223	9	3 3.47	60 52 38.7	604	85
224	9½	3 3.56	58 52 47.4	677	86
225	9	3 4.48	58 8 57.5	621	85
	8½	4.66	57.1	289	12
226	8	3 5.87	58 44 8.0	677	85
	8	6.13	7.8	579	228
227	9½	3 8.04	43 57 12.6	279	204
228	9	3 8.28	63 48 40.4	600	126
229	9	3 8.42	29 40 10.1	670	103
230	9½	3 8.47	33 52 30.3	680	59
231	8	3 8.97	58 12 42.5	289	15
	8	9.04	42.4	579	225
232	9	3 9.19	67 55 29.8	628	4
233	9	3 9.39	60 30 28.3	633	44
234	9½	3 9.40	65 4 55.2	600	124
235	9	3 9.43	56 47 16.5	581	174
	9	9.44	17.0	585	203
	9	9.49	15.8	581	178
236	9½	3 9.80	66 26 21.7	626	60
237	8½	3 10.17	60 36 29.6	633	45
238	9½	3 12.01	45 28 43.4	217	143
239	8½	3 12.86	67 34 41.5	628	6
	8½	12.99	37.8	193†	25
	8½	13.05	42.7	573	178
240	9	3 14.34	39 46 24.0	616	75
241	8½	3 15.26	54 40 37.7	234	145
	8½	15.44	40.0	613	79
242	5	3 15.40	58 17 51.1	579	226
	5	15.45	53.3	289	14
	4½	15.54	51.9	675	79
	5	15.57	53.0	621	86
243	8½	3 15.44	60 56 59.3	604	84
244	9½	3 15.57	66 27 22.5	626	62
245	9	3 15.62	44 2 50.9	279	203
	9	15.63	52.9	279	205
246	9	3 16.44	31 34 6.9	673	81
247	9	3 17.28	63 55 28.6	600	127
248	7	3 18.06	56 23 20.1	581	176
249	9	3 18.52	60 18 14.5	285	35
250	9	3 18.90	54 14 25.8	613	81
251	9½	3 19.61	67 38 38.1	193†	27
252	9½	3 20.17	66 48 8.5	195†	64
	9	20.40	6.6	591	116
253	9	11 3 20.76	51 37 37.9	597	132
	8½	20.79	36.9	597	129

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
254	9	11 3 20.95	68 50 43.8	190†	25	
	9	20.95	44.8	193†	28	
	9	20.97	44.4	573	179	
255	9	3 21.47	52 12 31.7	610	91	
	9½	21.55	33.2	597	130	
256	6	3 22.15	61 16 11.0	672	62	
	6	22.32	12.4	679	53	
	6	22.45	12.7	604	83	
257	8½	3 22.40	25 18 41.5	228	115	
	8½	22.54	40.1	664	160	
258	9	3 22.91	52 50 52.6	610	92	
259	9	3 24.02	27 36 57.2	665	115	
260	9½	3 24.72	54 37 18.0	613	80	
	10	24.89	17.5	234	146	
261	8	3 27.08	64 45 7.0	600	125	
262	9½	3 28.53	62 14 19.4	208	119	
263	8½	3 29.64	22 52 22.6	226	111	
264	9	3 29.80	60 7 43.4	624	48	
	9	29.85	44.3	633	50	
	9	29.89	44.8	633	48	
	9	29.97	42.6	285	37	
265	8½	3 30.58	67 31 6.9	193†	26	
	8½	30.70	6.8	628	5	
	8½	30.70	7.6	628	7	
	8½	30.81	6.4	573	177	
266	9	3 33.13	58 9 14.3	289	16	
	9	33.33	13.5	621	88	
267	10	3 34.00	31 49 59.1	223	104	
268	8	3 35.11	56 44 31.2	581	177	
	8	35.17	33.8	585	202	
269	8½	3 36.12	60 4 55.1	624	51	
	8	36.18	56.3	285	39	
270	8	3 36.55	60 52 55.7	604	87	
271	9½	3 37.05	55 12 49.2	237	128	
272	9	3 38.08	58 16 56.5	621	87	
	9	38.17	55.1	579	227	
273	9	3 39.31	62 25 19.8	208	120	
274	9½	3 39.72	55 45 22.3	237	130	
275	8½	3 40.88	42 17 54.2	278	143	
276	9	3 40.92	51 53 11.4	597	131	
277	8	3 41.18	60 14 15.1	285	38	
	8	41.18	14.8	633	49	
278	9	3 43.85	31 38 51.3	223	105	
	8½	43.97	51.3	673	80	
279	9	3 44.30	50 56 40.5	594	159	
	9	44.44	41.2	597	133	
280	9½	3 45.71	62 58 30.4	205	116	
281	9½	3 46.68	63 30 22.6	205	115	
282	9½	3 47.52	65 17 22.3	626	66	
	9½	47.71	21.8	591	117	
283	9	3 47.62	27 0 40.0	665	116	
284	9	3 48.29	35 12 9.7	275	193	
	9	48.42	13.7	254	22	
	9	48.50	12.7	631	26	
285	8½	3 49.95	58 2 49.4	621	90	
286	8½	3 50.46	34 43 35.9	254	20	
287	9½	3 50.49	39 55 5.3	616	76	
288	9	3 51.11	60 8 59.6	624	50	
	9	51.18	59.1	633	46	
289	6	3 53.24	31 41 19.6	673	82	
	6	53.25	18.3	223	106	
290	9½	3 53.46	44 50 53.2	279	207	
291	9½	3 53.59	59 38 40.0	284	40	
292	9	3 55.66	52 33 35.4	610	93	
293	9½	3 55.77	28 55 22.7	670	105	pr.
	9	55.79	19.9	213	123	
	9	55.79	21.9	231	116	
294	8	11 3 55.99	42 39 16.5	278	144	
295	7	11 3 56.69	29 6 55.9	213	124	
	7	56.77	57.5	670	104	
296	8½	3 56.84	28 55 21.2	231	115	sq.
	8½	56.93	22.8	670	106	
	8½	57.06	19.4	213	122	
297	10	3 56.86	35 33 17.6	631	25	
298	8½	3 56.96	47 57 8.8	219	130	
299	7½	3 59.01	24 55 43.5	226	112	
	8	59.06	44.7	664	161	
	7½	59.13	44.9	228	116	
300	8½	4 0.02	38 30 56.9	281	25	
301	9	4 1.82	55 28 55.9	237	129	
302	8	4 3.54	26 51 14.8	665	118	
	8	3.61	15.4	228	118	
303	8½	4 10.14	37 25 31.9	281	26	
304	7½	4 10.89	54 2 14.3	613	82	
305	8½	4 11.94	37 40 45.6	281	27	
306	9½	4 12.67	59 34 41.9	284	41	
307	9	4 13.46	73 17 56.0	202	102	
308	8	4 14.25	27 35 28.2	665	117	
309	9	4 15.42	35 19 14.2	275	194	
	9	15.73	16.5	631	27	
310	10	4 15.46	60 30 50.2	604	88	
311	9	4 15.70	54 37 38.0	613	84	
	9	15.78	38.5	234	147	
312	9	4 15.76	31 44 34.6	673	83	
	9½	15.80	34.9	223	107	
313	9½	4 16.05	52 38 41.5	610	94	
314	7½	4 19.76	58 9 33.8	675	81	
	7½	19.80	35.3	621	89	
	7	19.82	36.7	289	17	
315	8½	4 19.98	41 51 48.3	278	145	
316	9	4 20.60	52 59 21.1	610	95	
317	8	4 20.91	34 43 6.6	254	21	
318	9	4 23.32	58 1 26.6	621	91	
319	9	4 23.35	79 47 14.7	242	22	
320	9	4 24.12	49 21 12.1	594	160	
	9	24.27	11.0	635	8	
321	7½	4 25.01	35 25 1.9	275	195	
	7½	25.19	2.9	631	28	
322	8	4 25.61	25 18 55.7	664	162	
	7½	25.71	56.6	228	117	
323	9	4 27.46	56 0 1.7	237	133	
	9	27.51	0.3	581	179	
324	8	4 28.10	44 51 25.9	279	206	
	9	28.18	26.3	217	144	
325	10	4 28.76	60 32 23.1	604	89	
326	9	4 28.97	47 51 48.2	219	131	
327	9	4 29.10	57 35 5.0	585	204	
328	9½	4 29.64	55 56 61.1	237	132	
	9½	29.76	59.2	581	180	
329	8	4 31.49	54 33 24.2	234	148	
	8	31.63	24.8	613	83	
330	9	4 32.20	65 27 28.2	626	67	
	9	32.12	29.8	195†	67	
	9	32.14	27.1	591	118	
331	9½	4 31.97	59 47 28.6	284	42	
332	9½	4 32.79	67 4 46.4	626	64	
	9½	33.01	49.9	573	181	
	9½	33.09	47.1	193†	29	
333	9	4 34.12	79 4 46.2	242	21	
334	8	4 34.96	31 53 8.7	680	60	
	8	35.00	6.0	223	108	
	8½	35.08	8.2	673	84	
335	8	4 35.27	37 44 43.0	281	28	
336	9	4 39.96	40 57 22.5	616	77	
337	9	4 40.36	63 6 57.1	205	117	
338	9½	11 4 40.62	60 5 41.5	624	53	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
339	9½	11 4 41.77	58 10 37.4	675	82	
340	9	4 42.07	66 29 49.4	591	119	
	9½	42.33	46.7	626	63	
	9½	42.41	45.9	195†	68	
	9½	42.42	48.0	195†	66	
341	9	4 43.12	28 53 44.2	213	125	
	9	43.13	45.0	231	117	
	8½	43.15	43.3	670	107	
342	9½	4 43.74	60 31 57.1	604	90	
343	8½	4 43.78	59 25 1.7	284	44	
344	9½	4 46.45	31 32 11.9	223	109	
345	8½	4 46.59	60 15 8.2	633	52	
	8½	46.92	9.2	285	41	
346	9	4 47.03	66 20 27.0	591	120	
	9	47.14	25.9	195†	65	
	9	47.23	26.6	626	65	
347	8	4 47.81	60 18 5.1	633	54	
	8	47.85	4.9	285	42	
348	8½	4 47.89	59 34 15.7	284	43	
349	9	4 48.03	58 48 25.0	289	18	
	9	48.08	23.8	677	88	
	8½	48.22	24.4	579	229	
350	8½	4 49.95	25 6 19.3	226	113	
	8½	49.99	19.6	664	163	
351	9	4 50.75	55 50 28.2	237	131	
352	9	4 51.55	60 5 5.1	624	52	
353	9	4 53.55	57 50 0.4	621	92	
354	9	4 53.93	30 58 3.2	673	85	
355	9	4 54.88	51 52 35.9	597	134	
356	9	4 54.90	70 27 39.0	190†	27	
	9	55.02	40.3	577	124	
357	9	4 55.43	60 11 4.4	624	55	
358	8½	4 56.07	58 50 3.1	677	87	
	8½	56.10	6.4	289	20	
	8½	56.15	4.8	579	231	
359	9½	4 56.38	60 5 51.7	624	56	} dpl.
360	9	4 56.46	60 6 8.5	624	54	
361	9	4 56.69	36 2 42.8	275	196	
	9	56.87	43.9	631	29	
362	9	4 56.94	45 9 30.1	279	209	
363	9	4 57.28	58 51 36.1	677	89	
	8½	57.40	34.2	579	230	
	9	57.45	36.0	289	19	
364	9½	4 58.63	60 35 47.3	604	91	
365	8½	4 58.73	57 28 21.4	585	205	
366	8½	5 0.60	60 14 36.0	633	51	
	8½	0.61	37.3	285	43	
	8½	0.78	35.9	285	40	
367	7½	5 3.99	44 54 19.9	279	208	
	7½	4.07	19.1	217	145	
368	9	5 4.12	47 9 14.6	219	133	
369	9½	5 4.60	33 25 43.8	680	61	
370	9	5 4.79	47 1 38.7	219	132	
371	7½	5 5.18	35 32 46.3	275	198	
	7½	5.33	49.7	631	31	
372	8½	5 5.63	67 24 18.3	573	180	
	8½	5.74	18.7	193†	30	
	8½	6.02	17.7	628	8	
373	9	5 5.84	69 41 21.4	190†	26	
374	9	5 8.78	62 3 2.5	672	63	
	9½	8.83	4.8	208	121	
	9	9.17	2.7	679	54	
375	9½	5 8.80	29 26 59.6	670	108	
376	9	5 10.85	56 30 42.5	581	181	
377	9½	5 11.15	54 39 30.9	234	151	
	9½	11.21	30.3	234	149	
378	8½	5 11.27	25 14 41.2	664	164	
	9	11.27	43.9	228	119	
379	10	5 12.54	41 2 17.4	616	79	
380	9	11 5 14.24	50 26 20.5	635	9	
381	8½	11 5 15.54	40 54 34.8	616	78	
382	8½	5 15.88	33 47 11.9	254	23	
383	9	5 17.63	35 52 4.2	631	30	
	9	17.69	3.5	275	197	
384	9½	5 19.76	53 1 46.7	610	96	
385	8½	5 19.76	60 14 27.2	633	56	
	8½	19.87	27.0	633	53	
	8½	19.88	27.9	285	44	
386	8½	5 20.83	58 28 59.5	289	23	
	9	20.95	57.7	675	83	
387	9½	5 22.65	58 22 10.8	675	84	
388	9	5 22.91	63 11 27.4	205	118	
389	8	5 23.24	59 42 20.9	284	45	
390	9	5 23.26	41 50 54.8	278	146	
391	9	5 23.26	39 51 39.4	616	81	
392	9	5 26.04	47 9 54.6	219	135	
393	9	5 26.82	60 4 20.2	624	58	
	9	26.97	19.4	285	46	
394	9	5 26.88	57 43 47.2	621	94	
395	8½	5 27.05	47 13 32.4	219	134	
396	9	5 27.74	57 29 2.8	585	206	
397	9½	5 28.09	58 30 49.3	289	22	
398	9	5 28.10	57 32 17.5	585	207	
399	9½	5 28.69	31 46 53.6	673	86	
400	9½	5 29.02	58 54 23.9	677	90	
401	9	5 29.44	54 36 12.7	234	150	
	9	29.47	13.7	613	85	
402	8½	5 29.75	42 44 2.9	278	148	
403	9	5 29.95	38 32 17.7	281	29	
404	9½	5 30.16	46 13 50.7	217	147	
405	9	5 30.82	50 45 34.5	635	10	
406	7½	5 31.28	57 46 36.7	621	93	
407	9	5 32.64	33 19 58.8	254	24	
	9½	32.68	58.4	680	62	
408	9	5 33.39	58 52 2.5	677	91	
	9	33.74	0.2	579	232	
409	9	5 33.92	51 58 58.4	597	135	
	9	34.06	59.0	610	99	
410	9	5 34.10	49 28 52.2	594	161	
	8½	34.23	52.1	635	11	
411	9	5 34.20	60 3 47.3	624	57	
	9	34.51	47.8	285	45	
412	10	5 35.52	26 45 42.8	665	119	
413	9½	5 36.40	49 21 55.6	635	13	
	9	36.62	53.9	594	163	
414	10	5 36.98	52 15 9.8	610	97	
415	7½	5 38.38	42 46 49.9	278	147	
416	9½	5 43.70	79 42 34.7	242	23	
417	8	5 43.71	40 59 6.5	616	80	
418	9	5 44.43	59 37 50.3	284	46	
419	8½	5 45.12	49 29 25.4	594	162	
	8	45.19	26.2	635	12	
420	9½	5 46.63	46 11 3.1	217	146	
421	9	5 46.78	24 35 41.4	664	165	
422	8	5 48.13	53 52 42.0	613	86	
423	9	5 48.71	60 26 22.7	604	92	
	8½	49.10	21.3	633	57	
424	8½	5 49.02	51 59 13.6	597	136	
	8½	49.19	12.8	610	98	
425	8½	5 50.65	34 8 18.4	680	63	
426	9	5 51.19	57 51 17.1	621	96	
427	9½	5 51.19	64 43 39.9	600	129	
428	7	5 52.29	26 7 40.5	665	120	
	7	52.34	41.0	228	121	
	7	52.35	40.9	664	167	
429	8	5 52.38	25 27 18.5	228	120	
	7½	52.44	21.1	664	166	
430	8½	5 53.53	64 44 28.1	600	128	
431	9	11 5 54.02	59 58 38.0	285	48	
	9	54.07	39.7	624	62	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
432	9	11 5 55.54	38 44 27.5	281	30	
433	9½	5 55.78	43 55 6.1	279	210	
434	9½	5 57.63	33 46 20.7	254	25	
435	10	6 0.84	65 49 41.9	626	68	
436	8½	6 0.89	60 14 26.9	633	55	
437	9½	6 2.17	60 28 15.6	604	93	
	9	2.22	15.3	633	58	
438	9	6 2.98	57 45 43.1	621	95	
439	8	6 3.26	59 7 37.2	677	94	
440	8½	6 4.27	58 40 3.7	675	87	
	8½	4.32	2.1	289	25	
	8½	4.37	3.3	677	92	
	8½	4.40	3.2	289	21	
441	9½	6 5.04	56 6 11.6	237	134	
	9½	5.27	12.0	239	1	
442	8½	6 5.73	58 32 45.0	675	85	
	8	5.76	49.8	289	24	
443	9	6 6.71	35 29 4.6	631	32	
444	9	6 8.20	59 59 58.4	624	61	
	9	8.28	58.7	285	49	
445	9	6 11.95	42 59 51.3	278	149	
	8½	11.96	50.0	279	211	
446	8½	6 12.66	59 41 53.5	284	48	
447	7	6 13.55	31 45 17.6	673	87	
	6½	13.67	17.4	223	110	
448	7½	6 15.73	29 6 10.4	213	126	
	7½	15.75	11.6	670	109	
	7	15.76	12.4	231	118	
449	10	6 16.91	61 57 34.0	208	122	
450	8	6 17.31	59 2 15.5	677	93	
451	8	6 19.29	58 42 43.3	289	26	
	8½	19.37	43.9	675	86	
452	10	6 20.13	58 35 15.4	675	88	
453	7½	6 20.31	59 37 51.1	284	47	
454	10	6 21.04	65 40 48.7	626	69	
455	8½	6 21.11	59 45 1.5	284	49	
456	9½	6 21.83	60 1 37.8	624	60	
457	9	6 22.15	50 45 22.2	594	165	
	9	22.18	23.9	635	14	
458	9	6 22.42	47 25 19.8	219	136	
459	9	6 23.61	60 21 31.0	633	60	
460	9½	6 24.19	43 13 45.3	279	212	
461	9½	6 25.00	67 47 36.9	573	182	
	9½	25.19	35.2	628	9	
462	8½	6 27.24	47 27 4.9	219	137	
463	8½	6 28.47	30 27 13.6	213	127	
	8½	28.53	14.8	673	88	
464	9½	6 28.96	51 49 31.8	610	101	
	9½	28.96	30.5	597	138	
465	8½	6 30.20	60 1 11.4	624	59	
	8½	30.41	12.7	285	47	
466	9	6 30.99	59 55 31.0	624	63	
467	9½	6 32.89	65 46 24.9	626	70	
468	9½	6 33.81	40 38 33.0	616	82	
469	10	6 34.04	27 15 48.0	665	122	
470	9	6 35.74	51 58 53.8	610	100	
	9	35.86	53.7	597	137	
471	9	6 36.32	56 29 11.1	581	182	
	8½	36.40	12.3	239	2	
472	9½	6 36.78	27 14 49.1	665	121	
473	7½	6 37.86	34 43 21.9	254	28	
474	9½	6 37.96	63 12 39.4	205	119	
475	9½	6 38.98	54 50 6.9	234	152	
476	7½	6 39.09	57 44 36.9	621	97	
477	9½	11 6 39.19	70 36 27.6	190†	32	
	9½	39.24	26.3	190†	28	
	9	39.32	25.2	577	125	
	9½	39.42	26.0	577	129	
478	8½	11 6 39.75	49 8 0.5	219	139	
479	9	6 41.55	57 31 22.7	585	209	
	9	41.67	20.2	585	208	
480	8	6 41.73	50 51 37.6	635	15	
	8½	41.88	38.0	594	164	
481	9	6 42.25	25 6 31.9	226	114	
	9	42.25	33.7	228	123	
	9	42.32	33.4	664	169	
482	10	6 42.40	27 53 31.1	231	119	
483	9½	6 45.64	55 32 9.7	237	136	
484	9½	6 45.78	70 46 40.7	190†	30	
	9½	46.01	41.8	577	126	
485	9	6 45.82	60 24 59.6	604	94	
	8½	45.98	57.2	633	59	
486	9	6 46.88	36 42 8.9	631	33	
487	9	6 47.33	37 50 15.0	281	31	
488	7	6 50.66	46 17 14.2	217	148	
489	8½	6 51.59	33 43 31.9	680	64	
	8½	51.64	30.9	254	26	
490	6	6 51.78	48 25 21.0	219	138	
491	7	6 52.96	70 45 24.2	190†	29	
	7	53.28	25.5	577	127	
492	9	6 53.09	61 4 33.6	604	95	
493	9	6 53.75	53 46 40.4	613	87	
494	9	6 54.54	58 16 37.7	675	89	
495	9½	6 56.33	42 0 31.1	278	152	
496	9	6 57.22	42 3 58.7	278	151	
497	9	6 57.25	57 53 49.4	621	98	
498	8½	6 57.46	75 25 58.2	242	25	
499	9	6 59.94	55 34 1.5	237	135	
500	9	7 0.20	43 45 37.6	279	215	
501	9	7 1.50	34 22 7.5	254	27	
502	9½	7 1.86	55 50 19.5	237	137	
503	8	7 2.73	73 47 2.8	202	103	
504	8	7 2.94	59 41 56.2	284	50	
	8	3.18	59.5	624	65	
505	9	7 3.46	29 9 58.6	670	110	
506	8	7 6.33	25 47 7.0	228	122	
	8	6.38	7.1	664	168	
507	8½	7 9.60	64 32 20.8	600	130	
508	10	7 10.68	66 42 24.0	626	71	
509	9	7 11.21	43 6 15.4	279	213	
	9	11.32	14.1	278	150	
510	8½	7 11.30	57 57 52.4	621	99	
511	9½	7 12.73	54 17 30.5	613	89	
512	9½	7 13.12	46 30 7.3	217	150	
513	9	7 13.40	37 50 20.5	281	32	
514	5	7 14.53	59 38 16.4	284	52	
	5½	14.63	18.2	624	64	
515	8	7 14.94	56 15 19.7	581	183	
	8	15.16	22.0	239	3	
516	7	7 14.99	49 3 22.2	219	140	
517	8½	7 18.37	60 14 32.2	633	62	
	8½	18.57	31.3	285	51	
518	8	7 18.93	46 22 36.3	217	149	dpl. II. s.pr.
519	9½	7 19.53	52 16 35.2	597	140	
520	9½	7 19.77	62 49 28.8	208	123	
521	7½	7 21.20	58 59 51.9	289	28	
	7½	21.35	51.4	677	95	
522	9	7 23.03	49 4 44.8	219	141	
523	8½	7 23.66	33 16 11.2	680	65	
524	9	11 7 24.17	67 7 4.0	628	10	
	9	24.29	5.0	573	183	
	9	24.35	5.2	193†	32	
	9	24.44	3.0	591	121	
	9	24.65	1.8	195†	69	
	9	24.66	3.3	626	72	
	9	24.67	4.6	195†	71	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
525	6½	11 7 25.39	43 41 30.9	279	216	
526	9	7 25.40	54 41 8.7	234	153	
	9	25.43	9.7	613	88	
527	9	7 25.63	58 43 36.5	289	27	
528	9½	7 26.73	36 46 13.5	631	34	
529	7½	7 26.77	70 32 15.0	190†	31	
	7½	27.07	15.1	577	128	
530	9	7 27.19	60 3 30.2	624	67	
	8½	27.57	28.5	285	50	
	9	27.70	29.2	285	53	
531	9½	7 28.06	40 34 55.5	616	84	
532	9	7 29.50	59 47 12.1	284	51	
	9	29.51	14.5	284	53	
	9	29.61	14.3	624	66	
533	9	7 31.54	56 21 18.0	581	184	
	9	31.84	20.1	239	4	
534	9½	7 32.51	27 45 26.6	231	120	
535	9	7 32.57	39 14 42.0	616	83	
536	9½	7 32.85	29 15 11.5	213	128	
	9½	32.90	12.2	670	111	
537	8	7 33.79	52 8 47.2	597	139	
	7½	34.02	48.9	610	102	
538	6	7 35.35	63 29 23.0	205	120	
	6	35.50	23.5	600	131	
539	8	7 35.81	55 43 48.4	237	138	
540	7	7 36.08	49 26 33.9	219	142	
	7	36.15	32.2	635	16	
	7½	36.19	34.3	594	166	
541	10	7 36.80	61 47 56.5	679	56	
	9½	37.09	56.8	672	64	
542	8½	7 37.38	26 10 29.1	665	123	
	8	37.45	31.8	664	171	
543	8	7 38.71	67 19 36.7	193†	33	
	8½	39.06	38.0	573	184	
	8½	39.19	36.7	628	11	
	8	39.24	36.0	193†	31	
544	9	7 39.08	58 13 13.7	675	91	
545	8½	7 40.04	40 58 41.3	616	86	
546	9	7 40.18	38 4 51.7	281	33	
547	9	7 42.78	61 44 42.2	672	65	
	9	42.90	43.5	672	67	
	9	42.92	41.4	679	55	
548	9½	7 43.08	28 17 36.6	670	113	
549	9	7 45.13	29 23 4.7	213	129	
	9	45.19	3.6	670	112	
550	9	7 45.58	56 19 59.8	581	185	
	9	45.77	59.5	239	5	
551	9	7 45.63	35 58 20.3	631	35	
552	9½	7 47.23	60 26 5.7	604	96	
553	9	7 47.35	41 57 21.5	278	153	
554	9	7 47.56	26 3 3.4	228	125	
	8½	47.67	1.5	664	170	
	8½	47.70	2.9	665	124	
555	8½	7 48.95	66 25 10.4	626	73	
	8½	48.97	9.3	195†	70	
	8½	49.12	10.6	195†	72	
	8½	49.24	9.6	591	122	
556	9	7 49.51	58 57 42.4	677	97	
	9	49.81	41.7	289	30	
557	8½	7 49.77	47 8 31.1	217	151	
558	9½	7 51.28	43 7 45.3	279	214	
559	9½	7 51.31	32 34 40.3	680	66	
560	9	7 52.65	62 47 47.0	205	121	
	9	52.72	45.9	208	124	
561	8	7 53.28	71 4 9.6	202	104	
	7½	53.53	8.7	577	131	
562	9	7 56.46	54 45 3.0	234	154	
563	9½	7 56.87	55 50 52.5	237	139	
564	9	11 7 56.95	49 19 3.1	635	18	
565	8½	11 7 57.82	57 55 23.0	621	100	
566	9	7 57.93	40 33 46.9	616	85	
567	9	7 58.55	32 6 11.9	672	89	
568	9	7 59.70	57 49 16.2	621	101	
569	8	8 1.10	56 22 14.4	581	186	
	8	1.26	17.6	239	6	
570	6½	8 2.53	52 33 10.4	610	103	
571	10	8 2.56	67 19 44.5	193†	34	
572	8	8 3.56	73 31 46.2	202	105	
573	9	8 3.86	56 36 19.4	581	188	
	8½	3.90	23.0	239	8	
574	9	8 4.81	49 24 21.9	594	167	
	8½	4.83	18.8	219	143	
	8½	4.93	20.7	635	17	
575	8½	8 5.14	58 13 48.7	675	90	
576	9	8 5.34	30 41 33.2	673	90	
577	10	8 5.37	69 40 18.0	190†	34	
578	9	8 5.57	60 22 53.0	633	61	
579	9½	8 6.05	56 35 4.6	239	10	
580	6½	8 6.60	58 56 19.8	284	55	
	6½	6.70	18.6	677	96	
	6½	6.83	19.5	289	29	
581	9½	8 6.74	61 24 43.3	672	66	
582	8½	8 7.00	59 24 40.2	284	54	
583	9	8 8.15	43 53 10.1	279	218	
584	8½	8 9.64	54 50 9.0	234	155	
585	9	8 9.81	32 17 60.2	680	67	
	9	9.98	59.0	223	111	
586	8½	8 10.65	49 19 12.7	219	144	
	8½	10.86	16.2	635	19	
587	9½	8 11.14	28 11 7.7	670	114	
588	8	8 11.60	26 22 51.1	665	125	
	8	11.70	52.2	228	124	
589	9½	8 12.49	41 57 38.4	278	155	
590	7	8 12.58	52 10 22.6	597	141	
	7	12.70	24.2	610	105	
591	9	8 13.99	56 23 20.5	581	187	
	9	14.02	21.4	239	7	
592	8	8 14.11	54 49 49.3	234	156	
593	9½	8 14.52	29 28 53.7	213	130	
594	8	8 14.59	33 57 4.6	254	29	
595	8½	8 15.11	41 0 25.7	616	88	
596	8½	8 15.21	66 10 10.0	626	74	
	8½	15.37	10.0	195†	73	
	8½	15.39	9.6	591	123	
597	8½	8 16.84	60 3 39.6	624	68	
	8	16.95	39.6	285	52	
	8	17.05	39.8	285	54	
598	8½	8 18.45	67 49 33.0	193†	35	
	8½	18.79	32.3	628	12	
599	9	8 18.55	43 49 17.3	279	219	
600	9	8 19.71	29 13 20.9	670	115	dpl. II. n.sq.
601	9	8 19.75	41 57 56.7	278	154	
602	9½	8 20.22	56 34 25.2	239	9	
603	9	8 22.95	50 37 17.5	594	168	
604	9	8 23.73	29 54 55.1	670	116	
605	7½	8 23.74	34 17 59.0	254	30	
606	9	8 25.03	40 57 13.3	616	87	
607	9	8 25.44	52 6 21.3	597	142	
	9	25.50	22.1	610	104	
608	9	8 25.69	57 55 40.4	621	103	
609	9½	8 26.79	55 59 37.7	237	141	
610	9½	8 27.73	33 8 29.0	223	112	
611	9	8 28.94	70 50 55.3	577	130	
612	8	8 30.00	25 23 37.1	228	126	
	8	30.05	37.1	664	172	
613	9	8 30.64	26 23 34.2	665	126	
614	8½	11 8 31.13	55 57 5.6	237	140	
	9	31.28	9.1	581	189	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
615	8½	11 8 31.76	57 13 48.2	585	210
616	9½	8 32.47	62 42 56.5	205	122
	9½	32.58	55.8	208	125
617	9	8 34.62	36 19 19.7	631	36
618	9	8 34.92	57 56 56.5	621	102
619	9	8 35.28	33 33 26.3	680	69
620	9½	8 37.46	43 42 38.8	279	220
	9½	37.46	37.7	279	217
621	9	8 38.01	22 58 1.1	226	115
622	9	8 38.50	43 49 17.6	279	221
623	8½	8 38.72	26 37 41.3	228	127
	8	38.76	40.6	665	127
624	10	8 39.51	63 23 46.4	600	132
625	9	8 40.27	40 12 50.9	616	90
626	8½	8 40.34	27 37 36.5	231	122
627	7½	8 40.51	42 10 17.3	278	156
628	8½	8 42.16	54 28 27.7	613	90
629	8½	8 44.27	27 49 17.5	231	121
630	9½	8 46.02	75 17 18.5	242	27
631	8	8 47.35	55 22 1.8	237	142
632	8	8 47.71	69 57 25.9	190†	33
633	9	8 49.11	36 22 27.9	631	37
634	9½	8 49.20	24 53 3.4	664	173
635	9½	8 50.34	40 16 3.7	616	89
636	9	8 51.32	57 27 54.9	585	212
637	9	8 52.04	58 33 4.6	675	95
	9	52.23	5.1	289	31
638	8½	8 55.03	50 23 44.9	635	21
639	8	8 55.27	57 7 13.1	585	213
640	9	8 56.24	57 36 4.0	621	104
	8½	56.52	7.6	585	211
	8	56.53	3.3	585	216
641	9	8 58.75	39 10 25.6	281	34
642	8½	8 59.60	55 3 24.3	234	157
643	9	8 59.62	30 21 26.4	213	131
	9	59.77	27.0	673	91
644	9½	8 59.63	45 30 59.5	217	153
645	9	9 0.37	53 45 59.0	613	92
646	8½	9 0.66	43 7 48.4	278	157
647	9	9 1.59	58 10 47.7	675	93
648	9	9 1.99	60 54 20.7	604	97
649	7	9 2.16	32 38 17.8	680	68
	7	2.31	17.6	223	113
650	9½	9 2.18	60 28 45.8	633	67
	9½	2.31	43.6	633	63
651	9½	9 2.33	53 40 37.6	613	91
652	8	9 2.97	52 51 0.6	610	106
653	6½	9 3.19	43 3 9.1	278	158
654	9	9 5.05	58 20 39.0	675	96
	8½	5.32	36.6	289	34
655	9	9 6.31	38 39 0.3	281	35
656	9½	9 7.77	60 22 30.1	633	64
	9	7.79	30.5	633	66
657	9½	9 8.46	62 42 51.3	246	2
658	9	9 10.34	58 41 45.8	677	98
	9	10.60	47.2	289	32
659	9	9 11.08	65 12 36.0	591	124
	9	11.09	35.9	600	133
	9	11.10	37.7	195†	74
	8½	11.21	34.7	626	75
660	9	9 11.19	36 5 4.4	631	38
661	9	9 12.20	23 51 56.1	664	174
	9	12.24	54.5	226	116
662	7	9 12.58	38 47 44.3	281	36
663	9½	9 12.89	56 30 44.3	239	11
664	9	9 13.38	67 53 20.4	628	13
665	9	9 13.61	50 7 54.2	635	20
	9	13.78	53.7	594	169
666	9½	11 9 13.70	26 41 54.3	665	128
667	9½	11 9 14.12	45 39 12.9	217	154
668	9½	9 14.48	71 7 3.5	577	132
669	9	9 14.90	58 9 20.7	675	92
670	9½	9 15.81	62 59 48.8	205	124
671	9	9 16.25	43 34 1.0	279	223
672	9	9 16.75	28 50 5.9	231	123
	9½	16.79	1.7	213	132
	9	16.85	5.4	670	118
673	9½	9 17.18	59 58 44.1	624	71
674	9½	9 18.24	63 4 13.5	205	123
675	9½	9 19.07	40 3 8.6	616	91
676	9	9 22.71	36 2 18.9	631	39
677	9½	9 24.68	55 6 52.4	234	160
678	9½	9 25.45	75 22 33.3	242	26
679	9	9 26.62	34 38 0.3	254	32
680	9	9 27.79	58 29 34.8	675	94
	9	27.90	36.8	289	33
681	8½	9 28.73	50 39 28.0	635	22
	8½	28.84	26.8	594	170
682	9	9 29.13	29 25 33.0	670	117
683	9	9 31.02	31 9 11.5	223	114
	9½	31.11	10.0	673	92
684	10	9 31.24	66 23 24.4	626	77
685	9½	9 31.82	45 34 40.9	217	152
686	8½	9 32.51	68 50 58.1	193†	37
	9	32.54	57.0	190†	36
687	9	9 33.66	53 56 54.0	613	95
688	9½	9 33.92	55 7 45.8	234	161
689	7½	9 34.87	40 22 31.2	616	92
690	8	9 36.43	34 49 49.3	254	31
691	9	9 36.43	55 5 0.8	234	158
692	9½	9 37.21	60 46 17.1	604	99
693	9½	9 37.42	60 23 25.4	604	98
	9	37.43	24.3	633	65
	9	37.56	25.5	285	56
694	8½	9 37.57	57 34 40.1	621	105
	8	37.62	40.7	585	214
695	8½	9 38.52	25 7 43.1	664	176
696	9½	9 38.82	56 37 54.0	239	13
697	8½	9 39.28	75 6 32.4	202	106
	8	39.77	35.5	242	28
698	8	9 39.40	43 42 49.8	279	222
699	9½	9 41.40	60 0 12.5	624	72
	9	41.45	11.8	285	55
700	9	9 41.53	28 52 29.2	213	133
	8½	41.65	29.6	231	124
	8½	41.72	29.3	670	119
701	9	9 42.08	43 12 18.2	279	224
702	8½	9 42.17	59 26 25.8	284	56
703	9½	9 43.52	50 36 33.8	635	23
704	9	9 44.13	26 13 49.6	228	128
	9	44.21	47.9	665	129
705	8½	9 44.96	52 7 51.3	597	145
	8½	45.01	50.3	610	107
	8½	45.05	50.4	597	143
706	9½	9 45.15	60 34 46.9	633	68
	9½	45.36	45.6	285	57
707	9	9 45.50	58 44 3.4	677	99
708	9	9 46.04	53 45 4.2	613	94
709	9½	9 46.58	58 53 57.3	677	100
710	9	9 46.89	35 32 52.9	631	40
711	8	9 47.12	57 29 58.1	585	215
	8	47.34	59.9	239	16
	8½	47.40	58.7	621	106
712	9½	9 48.50	59 21 5.9	284	58
713	9	9 49.12	30 9 59.3	673	93
714	9	9 49.18	55 7 27.5	234	162
	9	49.18	27.3	234	159
715	9	11 9 49.24	78 41 51.8	242	24

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
716	8½	11 9 49.52	57 28 6.4	585	217	
	9	49.63	7.7	621	107	
	9	49.68	7.8	621	109	
717	8	9 49.62	59 29 0.4	284	57	
718	9½	9 49.72	66 9 36.9	591	125	
	9½	49.86	36.2	626	79	
	9½	49.95	35.8	626	76	
719	8½	9 50.81	47 34 39.9	219	146	
720	9½	9 51.23	53 21 8.0	610	108	
	9½	51.42	6.7	613	93	
721	9½	9 51.34	70 27 57.8	577	133	
722	9	9 52.01	62 0 46.6	672	69	
	9	52.03	47.0	246	1	
	9½	52.17	43.8	208	126	
	9	52.19	45.3	672	68	
	9½	52.21	45.3	679	57	
723	9	9 52.66	35 33 43.1	631	41	
724	8½	9 53.07	32 1 6.0	673	94	
725	10	9 53.09	26 16 54.9	665	130	
726	9½	9 53.98	59 48 8.2	284	59	
	9½	54.00	10.8	624	69	
727	9½	9 54.25	54 3 8.9	613	96	
728	9	9 54.28	49 37 12.8	219	145	
	9	54.69	13.9	594	171	
729	7½	9 54.48	38 38 54.7	281	37	
730	9	9 55.20	24 37 57.1	664	175	
731	7½	9 56.31	67 38 47.1	193†	36	
	7½	56.46	47.6	628	14	
732	9	9 56.84	31 41 17.8	223	115	
	8½	57.03	20.5	673	95	
733	7½	9 57.47	35 37 56.4	631	42	
734	9	9 57.69	55 58 48.6	581	192	
	9	57.71	45.1	581	190	
735	8	10 0.47	69 40 44.2	190†	35	
	8	0.56	45.4	577	134	
736	9	10 0.72	41 5 27.7	616	93	
737	8½	10 5.21	56 58 9.1	239	15	
738	9½	10 5.57	30 6 53.3	213	134	
739	7½	10 7.13	47 14 20.0	219	148	
740	10	10 7.20	42 40 10.3	278	159	
741	9	10 8.47	33 28 24.2	680	70	
742	9	10 8.55	57 14 48.9	585	219	
743	9½	10 8.81	59 49 59.2	284	60	
	9½	9.03	56.9	624	70	
744	9½	10 9.70	28 12 41.6	231	125	
745	7	10 11.29	56 40 25.5	581	191	
	7	11.32	24.5	239	12	
	7	11.42	25.6	585	220	
746	10	10 11.98	28 14 5.9	231	126	
747	7	10 12.99	40 20 22.5	616	94	
748	8½	10 13.07	23 21 56.9	226	117	
749	8	10 13.44	57 18 31.0	585	218	
	8	13.61	32.4	239	17	
750	9	10 13.86	51 18 20.8	597	144	
751	9½	10 14.92	61 33 29.7	679	59	
752	8½	10 14.99	37 8 41.5	631	43	
753	7½	10 15.54	65 49 48.6	195†	75	
	7	15.79	49.5	591	126	
	7	15.94	50.0	626	81	
754	9	10 17.81	47 13 36.4	219	147	
755	8	10 18.84	55 19 48.0	237	143	
756	7	10 19.23	33 59 8.7	254	33	
	7	19.31	9.9	680	71	
757	8½	10 19.26	37 32 6.6	281	38	
758	8½	10 20.39	58 12 26.7	621	108	
	8½	20.46	25.4	675	98	
	8½	20.50	24.8	675	97	
	8	20.67	25.5	289	35	
759	9½	11 10 22.80	66 2 37.5	626	80	
760	8	11 10 23.74	54 31 36.4	234	163	
	8	23.83	38.6	613	98	
761	8½	10 26.09	40 9 6.6	616	95	
762	8	10 26.30	27 26 52.6	665	131	
763	9	10 26.61	37 0 42.1	631	45	
764	10	10 27.51	54 32 29.7	234	164	
765	9½	10 28.32	66 43 33.8	195†	76	
	9½	28.33	31.8	626	78	
766	9½	10 30.54	55 20 3.5	237	144	
767	8	10 31.30	54 16 9.7	613	97	
768	9½	10 34.33	36 57 44.7	631	46	
769	9½	10 34.52	52 10 40.0	610	109	
770	9½	10 35.76	29 25 55.3	670	120	dpl. III.'
771	9½	10 35.99	61 34 35.6	679	58	
	9½	36.—	37.1	672	70	
772	9½	10 36.07	56 34 54.3	581	194	
	9½	36.14	56.6	239	14	
773	9	10 36.08	68 6 42.8	628	15	
774	9½	10 37.02	60 30 38.5	633	69	
	9½	37.16	38.8	285	58	
775	6½	10 39.61	45 12 2.2	217	156	
776	9	10 40.77	36 59 35.2	631	44	
777	9	10 42.37	42 44 14.0	278	160	
778	9½	10 43.71	25 24 11.4	664	178	
779	7½	10 44.82	26 33 25.9	665	132	
	8	44.84	25.7	228	130	
780	7½	10 45.13	34 25 2.3	254	34	
781	9	10 45.35	27 41 31.2	665	133	
782	10	10 45.59	43 30 42.0	279	226	
783	9½	10 47.27	45 53 51.0	217	158	
784	10	10 48.63	26 31 35.7	228	129	
785	9½	10 48.63	26 50 13.3	228	131	
	9½	48.79	15.5	231	127	
786	9	10 49.27	41 8 53.5	278	161	
787	9	10 49.37	62 44 18.7	246	3	
	9½	49.46	20.7	205	125	
	10	49.46	20.6	208	127	
	9½	49.53	23.9	246	5	
	10	49.70	22.3	250	1	
788	9	10 49.70	65 8 43.0	591	127	
	9	49.73	44.1	600	134	
789	9½	10 53.20	66 12 58.6	626	83	
790	8½	10 54.05	58 59 19.7	677	102	
	8½	54.19	21.6	284	61	
	8½	54.47	22.9	289	36	
791	9½	10 54.30	60 59 29.6	604	100	
792	9	10 54.71	27 52 45.4	670	121	
793	8½	10 55.15	25 26 55.7	664	177	
794	7	10 55.38	37 43 0.8	281	39	
795	9	10 56.67	58 53 54.6	677	101	
796	7	10 56.77	34 14 41.9	254	35	
797	8	11 0.09	54 52 24.4	234	165	
798	9	11 1.84	51 12 9.0	597	146	
799	8½	11 2.07	59 53 14.4	624	74	
800	8½	11 3.36	33 40 36.5	680	72	
801	10	11 4.47	68 39 52.0	193†	38	
802	9½	11 6.12	68 49 44.2	190†	37	
803	8½	11 6.92	50 14 40.2	594	173	
	8	7.07	40.1	635	24	
804	7½	11 7.66	67 31 0.9	628	16	
805	9	11 7.83	55 34 47.6	237	146	
806	9	11 8.10	43 36 0.7	279	225	
807	8	11 8.52	45 43 46.3	217	155	
808	9½	11 9.24	50 3 56.4	635	25	
	9½	9.45	53.2	594	172	
809	8½	11 9.82	45 50 54.5	217	157	
810	9	11 10.38	56 55 6.1	585	222	
811	8½	11 13.17	23 41 47.4	226	118	
812	6½	11 11 14.31	37 19 54.6	281	40	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
813	9½	11 11 15.75	60 8 39.4	633	73
	9½	15.86	38.6	285	61
	9½	15.92	38.1	633	70
	9½	16.03	36.9	624	73
814	9	11 16.21	50 25 10.9	594	174
815	8	11 17.96	43 8 9.7	279	227
816	9½	11 18.51	55 25 42.3	237	145
817	9½	11 18.95	51 33 59.2	597	148
818	7	11 20.27	41 15 5.2	278	162
819	9½	11 20.93	39 25 9.9	616	98
820	7½	11 21.69	54 5 32.7	613	100
821	9	11 22.38	67 32 56.9	628	17
822	8½	11 23.98	51 58 28.9	610	110
823	9	11 24.71	39 58 29.2	616	99
	9½	24.78	26.3	616	96
824	9	11 26.61	60 24 12.5	633	72
	9	26.64	11.2	285	59
825	9	11 26.91	57 28 2.6	621	110
	9	27.02	2.2	239	20
826	8½	11 27.00	48 57 37.7	219	149
827	8	11 27.15	54 56 23.6	234	166
828	9	11 29.69	25 30 30.2	664	179
829	9	11 30.73	56 47 20.8	585	221
	9	30.81	19.4	581	195
	8½	30.82	18.4	581	193
830	8½	11 31.58	43 12 4.8	279	228
831	8	11 32.48	58 23 12.7	675	99
	8	32.55	15.8	289	41
832	8	11 32.57	52 25 26.6	610	112
833	9	11 33.52	50 43 25.6	635	26
	9	33.53	26.4	597	149
	9	33.61	25.8	594	175
834	10	11 35.00	38 59 23.7	616	97
835	9	11 35.72	58 54 28.5	284	62
	9½	35.81	27.8	677	103
836	7	11 35.84	32 51 9.4	254	87
	7	35.88	7.7	223	116
	7	35.94	11.4	680	74
837	8	11 36.30	69 13 28.1	190†	40
838	9½	11 37.32	51 38 57.1	597	147
839	7	11 37.78	34 3 18.1	680	75
	6½	37.90	16.5	254	36
840	9	11 38.17	60 14 43.1	633	71
	9	38.22	44.2	285	60
841	9½	11 38.81	46 3 16.3	217	159
842	8½	11 39.06	23 17 33.1	226	119
843	9	11 39.08	42 43 6.9	278	164
844	8½	11 39.55	37 41 54.5	281	41
845	8½	11 41.89	43 45 45.1	279	229
846	9	11 42.69	58 44 26.3	677	105
	9	42.78	29.0	677	106
847	9½	11 43.15	28 43 22.2	670	122
848	9	11 43.52	66 14 27.3	626	82
	9	43.59	26.4	591	129
849	7	11 43.90	35 51 9.0	631	47
850	9½	11 44.08	31 54 54.0	680	73
	9½	44.15	55.4	673	96
851	9	11 45.19	28 28 55.5	670	123
852	9½	11 45.26	58 55 62.9	677	104
	9½	45.34	59.4	284	64
853	9	11 46.73	71 33 35.0	583	3
854	8½	11 47.08	62 10 54.2	246	7
	8	47.27	52.8	208	128
	8	47.36	52.2	246	4
855	7½	11 47.09	59 5 13.7	677	107
	7½	47.23	13.5	284	63
856	9½	11 50.41	41 23 39.1	278	163
857	9	11 11 50.62	61 18 26.3	679	60
858	9½	11 11 53.89	66 10 41.8	626	84
	9½	54.29	41.2	591	128
859	9	11 54.90	25 15 43.3	664	181
860	9½	11 55.17	54 6 3.7	613	99
861	9	11 55.91	52 7 8.1	610	111
862	8½	11 56.00	68 49 25.3	193†	39
	8½	56.08	25.8	628	18
	8	56.35	25.4	190†	38
863	9	11 56.79	57 27 47.8	621	114
	9½	57.00	46.2	239	19
864	7½	11 58.13	58 25 20.3	675	100
	7	58.23	20.3	289	38
865	9½	11 58.75	61 19 15.3	604	101
866	8½	12 0.04	39 53 14.7	616	100
867	8½	12 0.31	35 54 31.2	631	48
868	7½	12 0.65	44 49 18.9	279	230
869	9½	12 0.80	57 28 58.5	621	112
870	8½	12 1.97	71 29 10.9	583	1
	9½	2.45	7.8	202	108
871	9	12 2.30	26 2 16.7	664	183
	9	2.32	13.4	664	180
872	8½	12 2.71	44 53 25.9	279	231
873	8½	12 4.69	30 37 43.0	673	98
	8½	4.72	40.9	213	135
874	8	12 5.04	31 4 2.4	223	117
	8	5.06	3.7	213	136
	8	5.08	4.0	673	97
875	9½	12 5.46	57 27 43.4	621	111
876	9½	12 6.31	51 15 36.1	597	150
877	8	12 7.30	27 45 8.1	231	128
	8	7.35	6.7	665	134
878	9	12 8.56	59 44 40.3	285	62
	9	8.68	37.7	624	75
879	9	12 10.06	35 45 2.1	631	49
880	9½	12 10.72	57 18 32.4	239	21
881	9	12 10.84	67 20 59.9	193†	42
	9	11.46	58.2	193†	43
882	8	12 11.46	62 47 37.8	246	10
	8	11.62	37.3	250	2
	8	11.68	35.8	208	131
	8	11.78	37.0	205	127
	8	11.79	35.3	246	6
883	9	12 11.88	61 15 4.7	672	71
	9	11.93	3.9	679	61
884	9	12 12.13	60 57 6.8	604	103
885	9	12 12.47	63 21 31.2	205	126
	9½	12.63	35.5	250	4
886	8½	12 12.99	37 31 54.7	281	42
887	8½	12 13.32	48 53 7.5	219	150
888	9½	12 13.35	57 28 52.9	239	18
	9	13.40	53.5	621	113
889	6½	12 13.68	67 8 23.8	195†	78
	6½	13.79	27.2	193†	44
	7	13.86	27.5	628	20
	6½	13.86	24.4	591	130
	7	13.87	25.1	626	85
890	9½	12 13.92	55 33 21.9	237	147
891	9½	12 13.94	55 1 3.9	234	167
892	9	12 16.10	50 12 30.8	635	27
893	9½	12 16.88	74 32 19.8	202	107
	8	16.98	22.0	583	6
	8	17.42	19.4	185†	1
894	8½	12 17.67	58 26 19.6	675	104
	8½	17.75	19.6	289	37
895	7½	12 18.04	58 31 28.4	675	101
	7½	18.10	28.7	289	39
896	9	11 12 20.18	49 57 27.9	635	28

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
897	8½	11 12 23.31	25 54 47.7	665	135	
	8½	23.32	48.6	664	182	
	8½	23.44	47.9	228	132	
898	7½	12 23.90	58 33 13.0	675	102	
	7½	23.93	13.4	289	40	
899	9½	12 24.41	50 2 19.9	635	29	
900	8	12 24.98	68 49 20.2	190†	39	
	8	25.02	20.1	193†	40	
	8	25.16	21.4	628	19	
901	7	12 26.95	23 39 37.0	226	120	
902	9	12 28.06	36 51 24.1	631	50	
903	8	12 32.67	48 6 17.3	219	152	
904	7	12 32.88	67 26 6.9	193†	41	
	7½	33.07	8.8	628	22	
905	8½	12 34.93	33 4 13.0	680	77	
	8½	35.06	11.8	223	118	
	8	35.13	13.9	254	38	
906	9½	12 36.72	59 31 9.0	284	65	
907	8½	12 39.91	63 21 34.6	646	1	
	9	40.04	32.7	600	135	
	8	40.15	34.1	250	3	
	8½	40.22	32.3	205	128	
908	9	12 41.49	30 40 21.5	213	137	
	8½	41.61	25.6	673	99	
909	9½	12 42.63	57 29 48.5	621	116	
	9½	42.77	47.9	239	23	
910	9	12 42.66	61 14 7.1	679	62	
	9	42.67	8.5	672	72	
	9	42.91	7.5	604	102	
911	9	12 43.50	48 1 44.2	219	151	
912	9	12 44.06	71 37 45.4	583	2	
913	9½	12 46.53	46 45 12.1	217	160	
914	9½	12 47.18	74 57 55.7	242	29	
915	8	12 47.67	62 17 34.0	246	9	
	8	47.92	30.0	208	130	
916	9½	12 48.84	55 56 36.3	237	149	
917	9	12 49.87	67 16 18.3	195†	77	
	9	49.89	19.9	193†	45	
	9	49.93	19.6	195†	79	
918	8½	12 50.38	53 1 49.1	610	114	
919	9	12 50.50	58 32 54.9	675	106	
	9	50.52	55.4	675	103	
920	8	12 51.53	70 17 39.6	190†	42	
	8	51.54	39.5	577	135	
921	8½	12 51.90	24 32 33.1	226	121	
	8½	51.92	35.7	664	184	
922	9½	12 53.09	59 54 52.9	624	76	
	9½	53.17	53.8	285	63	
923	8½	12 54.75	32 59 7.7	254	39	
	9	54.78	8.2	680	76	
	9	54.82	6.4	223	119	
924	9	12 55.81	34 31 4.6	254	40	
925	9	12 56.41	62 17 28.6	246	8	
	9	56.59	26.2	208	129	
926	9	12 57.81	26 12 50.8	665	136	
	9	57.96	51.6	228	133	
927	9½	12 58.96	59 35 29.1	284	67	
928	8½	13 0.12	30 19 29.9	213	138	
	8	0.20	30.6	673	100	
929	9½	13 1.03	53 21 32.2	610	113	
	9	1.27	30.6	613	101	
930	8½	13 1.06	69 12 54.9	190†	41	
931	9½	13 1.93	42 36 35.2	278	165	
932	8	13 2.58	59 33 38.2	284	66	
933	9½	13 2.94	76 12 15.1	242	30	dpl. III. s.
934	9½	13 4.79	60 8 17.3	624	77	
	9½	4.84	16.1	633	77	
	9½	5.07	17.0	633	75	
935	9	13 6.02	58 48 50.9	677	108	
936	9½	11 13 7.35	50 23 9.4	594	176	
937	9½	11 13 8.31	37 8 8.3	631	51	
938	7	13 10.98	57 30 12.8	621	115	
	7	11.05	10.6	239	22	
939	8½	13 11.38	48 1 42.3	219	153	
940	10	13 12.50	54 44 17.3	234	168	
941	9	13 12.68	58 32 16.7	675	107	
	9	12.91	17.2	289	42	
942	7½	13 13.08	39 49 0.2	616	101	
943	9	13 13.84	60 28 28.2	604	105	
	9	14.29	26.4	633	74	
944	9½	13 14.89	64 51 32.6	600	137	
945	8	13 16.03	37 2 24.5	281	44	
	8	16.08	24.7	631	52	
946	9½	13 16.20	57 40 56.6	621	118	
947	9½	13 17.26	67 5 19.8	626	86	
	9½	17.52	21.1	591	131	
948	9½	13 19.32	27 47 27.8	231	129	
949	8½	13 19.77	39 35 43.0	616	102	
950	9	13 19.88	50 23 10.1	635	30	
951	8	13 20.17	29 38 17.9	213	139	
	8	20.20	19.5	670	124	
952	8½	13 21.60	31 49 22.6	673	101	
	8½	21.64	22.6	680	78	
	8½	21.68	21.1	223	120	
953	8½	13 21.96	47 29 54.9	219	156	
954	9½	13 22.29	66 57 24.7	591	132	
	9½	22.48	23.7	626	88	
955	9	13 22.66	62 38 50.2	246	11	
956	8½	13 22.80	37 10 19.0	281	43	
	8½	22.90	21.6	631	53	
957	9	13 25.20	58 20 28.5	289	43	
	9	25.27	26.6	675	105	
958	9	13 25.59	46 48 37.4	217	161	
959	9	13 25.91	48 11 28.1	219	154	
960	8	13 25.98	54 58 18.5	234	171	
961	9	13 27.10	60 57 45.3	604	106	
	9	27.17	47.2	604	104	
962	8	13 28.48	44 24 32.6	279	232	
963	8½	13 30.04	55 54 10.1	237	148	
	8½	30.09	8.7	581	196	
964	9½	13 30.86	57 32 32.6	621	117	
	9½	31.02	29.8	239	24	
965	9½	13 31.17	58 41 40.0	677	109	
966	8½	13 31.87	40 49 29.9	278	168	
967	10	13 32.49	25 56 28.7	665	137	
968	8½	13 32.93	47 31 22.2	219	157	
969	8½	13 32.96	63 34 52.2	250	5	
	8½	32.97	52.6	646	2	
	8½	33.15	49.7	205	129	
	9	33.21	52.6	600	136	
970	9½	13 34.67	39 49 23.9	616	103	
971	10	13 37.81	25 19 39.1	664	185	
972	9	13 38.59	27 5 27.4	665	138	
973	9½	13 39.29	46 47 34.7	217	162	
974	9½	13 39.91	70 24 50.8	577	136	
975	7	13 40.52	27 30 12.1	231	130	
	7½	40.58	12.3	665	139	
976	10	13 41.08	67 1 46.4	626	87	
977	8½	13 41.39	73 29 23.4	185†	2	
	8½	41.46	23.1	202	109	
	8½	41.84	25.7	583	4	
978	8	13 41.61	27 55 56.5	231	131	
	9	41.77	55.1	670	125	
979	8	13 41.78	46 42 48.1	217	163	
980	8½	13 43.09	54 40 12.9	234	169	
	8½	43.11	12.0	613	102	
981	8½	13 45.69	42 28 14.9	278	166	
982	9½	11 13 47.01	54 35 4.3	234	170	
	9½	47.05	4.7	613	103	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
983	9	11 13 47.51	67 32 28.5	628	21	
984	8½	13 47.77	56 17 13.3	581	197	
985	9	13 48.46	52 3 46.8	597	151	
	9	48.65	46.1	610	115	
986	8½	13 48.76	60 12 46.1	285	64	
	9	48.82	45.5	633	76	
	9	48.89	44.9	624	78	
987	8½	13 51.05	29 45 45.8	213	140	
	8	51.18	47.2	670	126	
988	9	13 51.32	56 31 47.8	581	198	
989	9	13 54.40	60 15 16.9	633	78	
	9	54.49	16.4	285	65	
990	9½	13 54.49	62 33 30.0	246	12	
991	9	13 55.29	64 21 56.7	646	4	
992	9	13 57.87	59 53 36.0	624	79	
993	8	13 58.48	51 48 29.8	597	152	
994	9	13 58.95	58 9 2.7	675	108	
	8½	59.23	3.4	289	44	
995	8½	14 1.03	34 34 20.1	254	41	
996	10	14 1.46	52 50 29.5	610	117	
997	9	14 1.46	54 3 33.1	613	104	
998	8½	14 1.58	47 42 46.5	219	155	
999	8½	14 2.80	47 40 19.3	219	158	
1000	9	14 3.15	36 43 47.8	631	54	
1001	7	14 3.15	63 53 60.2	600	138	
	7	3.23	59.8	646	3	
	7	3.33	60.9	250	6	
1002	9	14 5.53	53 39 28.2	613	105	
1003	9	14 5.66	36 40 28.3	631	56	
1004	8	14 5.72	73 30 23.8	583	5	
	7½	5.75	20.6	185†	3	
	8	5.79	21.7	202	110	
1005	9½	14 6.54	56 28 5.1	581	199	
1006	9	14 7.58	41 31 32.7	278	169	
	9	7.72	31.4	278	167	
1007	8	14 7.66	52 47 31.2	610	116	
1008	8½	14 8.30	23 2 27.5	226	122	
1009	9	14 8.35	50 10 43.7	594	178	
	8½	8.60	43.7	635	31	
1010	9	14 9.10	37 34 9.3	281	45	
1011	9	14 11.31	50 8 23.4	594	177	
	8½	11.46	23.7	635	32	
1012	10	14 11.79	62 55 52.4	208	132	
	10	11.86	53.3	205	130	
1013	7	14 13.51	27 38 52.9	665	140	
	6½	13.59	54.1	231	132	
1014	8	14 17.95	25 28 10.7	228	134	
	8	18.05	12.6	664	186	
1015	9½	14 19.68	64 0 19.6	600	139	
	9½	19.85	23.2	250	7	
1016	8½	14 19.77	74 43 57.5	583	8	
1017	8½	14 20.31	57 28 12.5	621	119	dpl. I.
	8	20.52	12.3	239	25	
1018	8½	14 20.53	67 35 29.3	193†	47	
	8½	20.83	28.9	628	23	
1019	9½	14 21.16	59 38 56.0	624	80	
	9	21.27	56.8	284	71	
	9½	21.33	56.5	284	69	
1020	9	14 21.75	44 15 44.8	279	233	
1021	9½	14 22.32	39 43 57.8	616	104	
1022	9	14 23.45	36 57 30.9	281	47	
	9	23.71	32.2	631	57	
1023	8	14 25.04	36 52 39.6	281	46	
	8	25.13	42.0	631	55	
1024	8½	14 26.51	31 25 2.6	223	121	
	8	26.56	2.8	673	102	
1025	9½	14 27.03	26 45 41.5	228	135	
1026	8½	11 14 27.73	59 35 15.9	624	81	
	8½	27.87	15.6	284	68	
1027	8	11 14 28.18	58 30 12.9	675	109	
	7½	28.31	13.0	289	45	
1028	8½	14 28.26	65 20 51.3	600	140	
	8½	28.36	53.4	646	5	
	8½	28.61	52.1	626	89	
	8½	28.61	51.5	591	133	
	8½	28.64	52.9	195†	80	
1029	8½	14 30.17	58 53 9.8	677	110	
	9	30.41	10.4	289	46	
1030	9	14 32.98	63 3 56.5	205	131	
	9	33.24	61.6	250	9	
1031	9½	14 33.97	40 16 23.2	616	105	
1032	9½	14 34.36	55 44 13.2	237	151	dpl. II.
1033	8½	14 34.90	52 57 29.4	610	118	
1034	9½	14 36.31	46 27 43.3	217	165	
1035	9	14 36.51	24 34 29.2	226	123	
	9	36.77	28.5	664	187	
	9	36.96	31.2	648	1	
1036	7½	14 36.90	45 2 35.2	217	164	
	7½	36.94	35.3	279	234	
1037	9½	14 37.18	60 32 55.7	633	80	
1038	8½	14 38.56	46 40 28.2	217	166	
1039	8	14 40.36	35 1 58.0	254	43	
1040	8	14 40.49	75 8 25.3	202	111	
	7½	40.79	25.4	185†	5	
	8	40.81	27.1	583	10	
	8	40.84	26.8	242	31	
1041	9	14 40.95	58 47 54.9	677	111	
	9½	41.07	57.7	289	47	
1042	9	14 41.69	34 58 15.1	254	42	
1043	9	14 43.22	74 47 58.2	583	9	
1044	9½	14 44.72	60 19 40.4	633	82	
	9½	44.93	38.9	633	79	
	9½	44.94	41.9	285	68	
	9½	45.06	39.4	285	66	
1045	9½	14 44.77	51 27 13.3	597	153	
1046	9	14 47.08	70 33 48.0	190†	43	
	9	47.20	49.7	577	137	
1047	10	14 47.09	57 30 48.6	621	120	
1048	9	14 47.86	29 34 46.9	670	128	
1049	8½	14 48.13	64 34 5.3	646	6	
1050	9	14 48.51	56 8 20.3	237	150	
	9	48.59	19.8	581	201	
1051	8	14 48.69	56 16 7.0	581	200	
1052	9	14 52.28	61 15 42.3	672	73	
	9½	52.47	40.4	679	63	
1053	10	14 52.29	31 47 19.2	223	122	
1054	8	14 52.77	60 24 46.0	604	107	
	8	52.78	45.5	633	81	
	8	52.88	46.3	285	67	
1055	8	14 54.05	66 21 52.3	591	136	
	8	54.08	53.4	195†	81	
	8	54.20	53.5	626	90	
1056	6½	14 54.26	78 59 0.0	242	34	
1057	9½	14 54.74	51 58 13.1	597	155	
1058	8	14 55.45	69 56 4.6	577	138	
	8	55.89	2.6	190†	44	
1059	9½	14 59.38	28 3 14.3	665	141	
	9	59.42	17.0	670	127	
1060	9	15 4.24	59 53 46.5	624	82	
1061	9	15 4.60	29 15 18.7	670	129	
1062	9	15 4.62	66 34 26.4	591	135	
	9	4.92	23.1	626	92	
1063	8½	15 5.19	67 5 32.9	591	134	
	8½	5.23	31.4	195†	82	
	8½	5.29	33.3	628	24	
	8	5.38	33.0	193†	46	
	8½	5.41	32.3	626	91	
1064	7	11 15 6.36	72 16 24.2	202	113	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
1065	7	11 15 6.75	74 27 27.7	185†	4
	6½	6.95	28.1	202	112
	6½	7.25	28.4	583	7
1066	7½	15 6.83	34 50 26.1	631	58
	7½	6.98	23.1	254	44
1067	8	15 6.87	57 37 46.0	621	122
	8	6.95	46.2	239	26
1068	9	15 6.87	27 15 54.6	665	143
	9	6.99	53.7	231	133
1069	8½	15 7.71	27 5 14.4	231	134
	8½	7.71	14.1	665	142
1070	9	15 8.70	51 32 21.6	597	154
1071	9	15 10.13	29 17 46.9	670	130
1072	9½	15 10.28	61 18 10.8	679	64
1073	9	15 10.93	24 22 38.0	664	188
	9	11.08	41.5	648	2
1074	9½	15 11.05	57 33 5.2	239	27
1075	9	15 11.39	59 50 20.5	624	84
	9	11.80	20.9	284	70
1076	7	15 13.45	71 18 36.9	202	114
1077	8	15 13.55	45 12 5.0	217	167
1078	8	15 15.87	23 18 35.5	226	124
1079	9½	15 16.27	57 24 13.8	621	121
	9½	16.31	14.3	239	29
1080	9	15 17.36	49 49 10.2	635	33
	9	17.53	13.1	594	179
1081	8½	15 17.39	57 48 4.6	621	123
1082	9	15 17.44	28 54 33.3	213	141
	8½	17.58	36.9	670	131
1083	9	15 18.10	56 17 46.3	581	202
1084	9	15 18.34	59 49 38.1	624	83
	9	18.48	38.5	284	74
1085	9½	15 18.56	54 38 36.0	234	172
	9½	18.71	38.2	613	109
1086	9	15 18.72	59 21 31.1	284	73
1087	4	15 18.75	53 48 22.6	613	106
1088	9	15 19.03	62 35 7.0	208	133
	9	19.44	5.0	246	13
1089	9½	15 24.20	76 58 13.7	242	32
1090	8	15 25.56	59 28 35.2	284	72
1091	8½	15 25.97	30 37 35.3	213	143
	8½	26.05	36.2	673	104
1092	7½	15 26.78	37 37 23.2	281	48
1093	9	15 29.22	60 19 18.1	633	83
	9	29.44	19.2	285	69
1094	8	15 29.41	30 50 14.4	213	142
	8	29.47	12.5	673	103
	8	29.49	15.0	223	124
1095	9	15 30.50	63 27 17.1	205	132
	9	30.56	17.6	205	133
	9½	30.64	19.9	600	142
	9	30.67	20.1	250	8
	9	30.86	20.5	250	11
1096	9½	15 30.57	32 55 59.0	254	46
1097	9	15 34.74	50 30 9.1	594	180
1098	9	15 34.78	54 40 26.9	613	108
	9	34.92	25.1	234	173
1099	8½	15 36.02	48 37 6.3	219	159
1100	8½	15 38.61	23 30 14.2	226	125
1101	8½	15 38.77	49 31 57.9	635	35
1102	9	15 42.32	53 26 54.5	610	121
	9	42.43	53.7	610	119
1103	7½	15 42.35	42 52 19.1	278	170
1104	9½	15 42.80	49 49 57.1	635	34
1105	9	15 43.31	57 29 19.1	585	223
	9	43.47	20.7	239	28
1106	9	15 43.65	59 51 38.6	624	85
1107	9	15 44.65	30 59 47.8	223	125
1108	9½	11 15 45.55	32 56 38.5	254	45
1109	8½	11 15 47.05	32 36 59.4	680	79
	8½	47.19	56.8	223	123
1110	9½	15 49.70	59 6 37.1	677	112
1111	9	15 50.28	65 17 13.0	195†	83
	9	50.28	13.7	626	93
	9	50.41	11.7	646	7
	9	50.45	12.1	591	137
	9	50.51	11.0	600	141
1112	8	15 50.54	48 5 15.0	219	161
1113	8	15 50.69	58 34 6.0	289	48
	8½	50.70	4.5	675	110
1114	9	15 55.50	24 5 28.7	664	189
	9	55.58	29.6	648	3
1115	9½	15 57.55	57 15 18.8	239	30
1116	9	15 57.91	53 41 7.3	613	107
1117	8½	15 58.57	48 15 35.2	219	160
1118	9½	15 58.63	43 44 55.9	279	235
1119	9	15 59.65	58 38 44.9	677	113
	9½	59.96	45.4	675	111
	9	60.00	46.4	289	49
1120	8½	16 0.85	35 33 32.2	631	59
1121	10	16 1.27	43 46 20.3	279	236
1122	10	16 1.86	52 14 59.6	597	156
1123	9	16 2.64	33 22 47.1	254	48
1124	9	16 3.11	56 42 50.8	581	203
	9	3.23	51.4	239	31
1125	9½	16 3.21	40 48 48.7	616	106
1126	9½	16 4.07	62 37 26.0	246	14
1127	9	16 4.35	59 49 11.5	624	86
	9	4.68	9.8	284	75
1128	7½	16 4.79	60 32 31.6	633	85
	8	4.91	34.0	604	108
1129	9	16 5.15	67 31 25.9	193†	48
	9	5.26	27.1	628	25
1130	8	16 5.18	33 5 41.8	254	47
	8	5.21	42.0	680	80
1131	9½	16 5.60	54 36 15.6	234	174
1132	8½	16 5.78	24 30 37.4	226	126
	8	5.88	37.2	664	190
	8	5.91	39.0	648	4
1133	9	16 6.12	42 30 55.5	278	171
1134	8½	16 7.16	25 58 33.2	664	191
	8½	7.20	35.1	648	5
	9	7.20	31.9	228	136
	8½	7.42	32.3	665	145
1135	9	16 7.81	61 41 19.6	679	65
1136	8	16 8.13	60 18 20.9	633	84
	8	8.15	19.3	285	70
1137	9	16 9.21	57 40 22.7	621	124
1138	9½	16 9.50	57 55 40.0	621	126
1139	9	16 13.87	49 27 4.0	594	183
	9	13.96	3.7	635	36
1140	9	16 14.37	26 33 23.2	665	144
1141	8½	16 14.38	35 48 2.4	631	60
1142	9½	16 19.33	45 19 1.4	217	168
1143	9½	16 20.78	55 20 18.9	237	152
1144	8½	16 20.78	70 7 0.8	190†	45
	8	21.02	2.0	577	139
1145	7½	16 21.45	38 25 8.5	281	49
1146	8½	16 23.13	53 28 60.7	613	111
	8½	23.39	59.5	610	120
1147	9	16 23.30	60 18 50.3	633	86
	9	23.46	51.9	285	71
1148	8½	16 23.96	23 2 45.5	226	127
1149	8½	16 24.04	49 27 20.9	594	182
	8½	24.30	21.7	635	37
1150	9½	16 24.35	64 14 19.7	646	8
	9½	24.58	20.8	600	143
1151	8½	11 16 24.69	73 46 49.4	185†	6

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1152	8½	11 16 25.14	30 13 0.5	213	144	
	8	25.26	0.0	673	105	
1153	9	16 26.37	50 35 1.6	594	181	
1154	9½	16 27.24	52 40 16.6	610	123	
1155	9	16 27.28	27 33 45.1	231	135	
1156	9½	16 27.54	60 20 37.7	633	87	
	9½	27.73	37.8	285	72	
1157	6½	16 28.31	43 57 31.4	279	237	
1158	9	16 28.59	33 46 10.2	680	81	
1159	9	16 28.97	62 48 4.9	205	134	
	9	29.07	5.7	246	15	
	9	29.10	7.3	250	10	
	9½	29.15	6.7	250	12	
	9½	29.38	5.0	208	134	
1160	8½	16 29.17	73 4 36.6	185†	7	
1161	9	16 32.43	42 16 28.1	278	172	dpl. I.
1162	8½	16 32.49	71 6 3.0	577	140	
	8½	32.69	2.7	190†	46	
	8½	32.94	3.3	202	115	
	8½	33.30	4.0	583	12	
1163	9½	16 32.52	45 59 48.4	217	170	
1164	9½	16 33.63	45 14 36.0	217	169	
1165	7½	16 34.93	55 55 3.3	237	154	
	7½	35.03	4.8	581	204	
	8	35.06	6.2	239	32	
1166	10	16 35.09	57 41 12.3	621	127	
1167	9	16 36.17	33 22 48.4	254	49	
1168	7½	16 38.40	57 41 55.4	621	125	
1169	9½	16 38.59	53 7 26.2	613	110	
1170	9	16 39.17	49 36 6.2	635	38	
	9½	39.92	7.8	594	184	
1171	9½	16 39.71	60 6 25.9	624	88	s. pr.
	9½	39.75	26.5	633	89	
1172	9½	16 41.72	60 6 16.7	624	89	n. sq.
	9½	41.81	17.1	633	90	
1173	9	16 44.71	60 2 43.8	624	87	
	8½	45.07	46.7	285	74	
1174	9	16 45.01	48 5 24.2	219	162	
1175	9½	16 45.65	58 55 30.4	677	115	
1176	9	16 45.70	35 11 3.7	631	61	
1177	7½	16 46.08	35 33 25.3	631	62	
1178	7	16 46.59	52 41 3.5	610	122	
1179	9½	16 46.98	33 33 8.7	680	83	
1180	8	16 47.15	42 15 44.9	278	173	
1181	9	16 47.77	55 12 34.1	237	153	
	9	47.95	34.6	234	175	
1182	9½	16 47.89	60 23 19.5	604	109	
	9	48.06	16.3	633	88	
	9	48.34	16.0	285	73	
1183	9	16 48.84	25 6 45.1	664	193	
1184	9½	16 50.63	58 55 29.6	284	77	
	9	50.78	27.1	289	54	
	9	50.92	26.6	677	114	
1185	10	16 50.98	32 5 27.7	223	126	
1186	8½	16 51.17	33 58 45.3	680	84	
	8½	51.18	41.7	254	50	
1187	9½	16 51.22	67 3 35.1	591	139	
1188	8½	16 52.02	56 5 43.9	581	205	
	8	52.09	48.6	237	156	
	8	52.23	44.6	239	35	
1189	9	16 53.23	30 12 31.8	213	145	
	8½	53.25	31.9	673	107	
1190	9	16 54.39	64 18 22.6	646	9	
	9	54.64	22.9	600	144	
	9	54.64	24.7	600	146	
1191	9½	16 55.91	74 45 36.9	583	11	
1192	9	16 55.97	31 44 44.1	673	106	
1193	7½	11 16 56.94	28 12 38.6	231	136	
	8	56.99	40.6	670	132	
1194	9½	11 16 58.58	33 39 6.1	680	82	
1195	8	16 58.92	35 42 36.9	631	64	
1196	10	16 59.55	24 52 29.5	228	138	
1197	9	16 59.96	58 16 4.2	675	112	
	9	60.00	4.5	289	50	
1198	8½	17 0.52	61 46 12.7	679	66	
1199	8	17 1.39	43 20 5.1	279	238	
1200	9½	17 4.02	61 47 5.1	679	69	
1201	9	17 4.30	25 37 25.5	648	6	
	9	4.39	24.8	664	192	
1202	7½	17 6.10	50 6 4.4	635	40	
1203	8	17 7.12	23 1 19.4	226	128	
1204	9	17 8.50	24 53 11.6	228	137	
	8½	8.68	11.5	648	7	
1205	8½	17 8.93	72 49 59.7	185†	8	
1206	5½	17 9.68	35 28 42.4	631	63	
1207	9	17 10.40	58 13 14.3	675	114	
	9	10.68	14.7	289	52	
1208	8	17 10.47	57 37 44.9	585	224	
	8	10.69	48.0	621	128	
1209	8½	17 11.22	58 18 21.2	675	113	
	8½	11.29	21.6	289	51	
1210	9	17 11.83	62 51 43.6	246	16	
	9	11.85	46.6	250	13	
	9½	11.90	43.6	208	135	
	9	12.07	43.6	205	135	
1211	9½	17 14.14	56 50 13.1	581	207	
1212	9½	17 14.15	67 6 12.3	591	138	
	9½	14.15	15.8	193†	51	
	9½	14.18	13.3	195†	85	
	9½	14.25	13.2	626	95	
1213	8	17 17.43	61 23 33.7	679	70	
1214	9	17 18.62	22 52 47.3	226	129	
1215	8½	17 19.05	59 3 10.4	677	117	
	8½	19.07	10.1	284	76	
	8½	19.23	11.0	284	80	
1216	9½	17 19.44	46 44 41.2	217	171	
1217	8½	17 20.52	58 37 37.2	677	119	
	8½	20.61	38.9	675	115	
1218	9	17 22.22	50 30 59.9	635	39	
1219	9	17 23.29	52 25 5.9	610	124	
1220	9½	17 25.57	62 30 50.5	246	17	
1221	6½	17 27.87	56 5 37.1	237	155	
	6½	27.89	39.5	239	33	
	6½	28.00	37.1	581	206	
1222	9	17 28.52	27 45 58.4	665	146	
1223	9½	17 28.99	55 2 29.8	234	176	
1224	8	17 29.26	61 43 15.2	679	68	
1225	9½	17 31.52	41 8 31.3	278	174	
1226	9	17 31.58	29 48 13.4	673	108	
1227	9½	17 33.14	58 52 30.5	677	116	
	9½	33.21	32.4	284	79	
	9	33.33	32.6	289	55	
1228	9	17 34.54	64 1 30.0	646	10	
	8½	34.78	33.8	250	15	
1229	9	17 36.30	27 49 12.7	665	147	n. pr.
	9	36.48	14.9	670	133	
1230	9½	17 36.94	53 58 38.0	613	112	
1231	9	17 37.68	27 49 24.0	665	148	s. sq.
	9	37.86	25.1	670	134	
1232	9½	17 39.08	60 56 59.8	604	111	
1233	9	17 40.09	38 6 27.7	281	51	
1234	7½	17 40.46	58 6 8.4	621	133	
1235	9	17 40.65	58 54 4.9	677	118	
	9	40.73	3.9	284	78	
	9	40.92	6.6	289	57	
1236	9	17 42.56	44 48 18.3	279	240	
1237	8	11 17 43.72	26 16 23.0	665	149	
	8	43.78	22.5	228	139	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1238	8	11 17 44.25	61 36 32.0	679	67	
	7½	44.38	35.1	679	71	
1239	7½	17 44.27	35 24 11.6	631	65	
1240	6½	17 44.45	76 55 21.7	242	35	
1241	9½	17 44.92	30 57 42.2	673	109	
	9½	45.00	42.2	213	146	
	9½	45.16	40.5	223	127	
1242	8½	17 45.73	37 47 50.0	281	50	
1243	8½	17 45.94	78 58 43.7	242	33	
1244	8½	17 46.62	49 41 55.2	594	185	
	8½	46.69	53.7	219	165	
1245	9½	17 47.47	43 35 18.2	279	241	
1246	10	17 48.11	53 33 20.2	613	113	
1247	9½	17 48.81	59 53 24.3	624	90	
	9½	48.85	24.9	285	75	
1248	9	17 49.27	52 30 2.1	610	126	
1249	8½	17 49.54	49 22 33.2	594	187	
	8½	49.73	32.9	219	163	
1250	9	17 50.58	40 54 50.6	616	108	
1251	8½	17 52.36	39 49 26.8	616	109	
	8½	52.43	26.3	616	107	
1252	9	17 53.73	53 12 20.6	610	127	
1253	9	17 54.90	52 30 48.3	610	125	
1254	9	17 55.06	69 15 62.7	577	141	
	9	55.25	59.5	190†	47	
1255	8½	17 55.06	58 23 37.7	675	116	
	8½	55.34	37.8	289	53	
1256	8½	17 55.68	41 15 13.0	278	175	
1257	9	17 57.41	67 35 4.5	628	26	
1258	6	17 57.63	64 16 7.5	646	11	dpl. I. s.
	6	57.74	7.0	600	145	
1259	9	17 59.80	43 59 5.9	279	239	
1260	7½	18 0.12	57 34 47.7	621	130	
	7½	0.41	46.4	585	225	
1261	9½	18 3.23	60 59 12.3	604	110	
1262	10	18 3.43	63 0 15.2	205	136	
1263	9	18 4.00	49 32 27.4	219	164	
	9	4.25	31.8	594	186	
1264	8½	18 4.32	52 9 19.0	597	157	
	9	4.45	22.0	610	128	
1265	8½	18 5.22	56 0 14.3	237	157	
	8½	5.33	12.8	239	34	
	8½	5.36	13.1	581	208	
1266	9	18 6.02	31 5 4.8	213	147	
	9	6.24	3.4	223	128	
	9	6.30	4.7	673	110	
1267	9½	18 6.62	68 31 39.7	193†	49	
	9	6.69	41.6	628	29	
1268	9	18 7.45	67 4 31.3	195†	84	
	9	7.55	32.0	591	140	
	9	7.59	34.0	193†	50	
	9	7.73	32.5	628	28	
	9	7.83	32.4	626	94	
1269	8½	18 9.40	33 58 54.1	680	85	
	8	9.50	51.3	254	51	
1270	8½	18 11.57	57 31 24.0	621	131	
	8	11.62	25.7	585	226	
	8½	11.63	23.0	621	129	
1271	9	18 13.48	26 20 2.1	665	150	
	9	13.52	4.5	228	140	
1272	9	18 15.54	58 48 21.9	289	56	
1273	8½	18 15.70	64 39 21.4	600	147	
	8½	15.83	22.3	646	12	
1274	8½	18 15.89	58 37 7.6	675	118	
	8½	16.09	7.1	677	121	
1275	9	18 16.02	72 35 48.6	185†	9	
1276	9	18 16.36	67 33 55.5	628	27	
1277	7	11 18 16.47	57 11 36.0	585	227	
	7	16.77	36.4	239	38	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1278	8½	11 18 17.51	65 8 54.2	626	96	
	8½	17.53	55.7	591	141	
	8½	17.65	55.6	646	13	
	8½	17.77	52.8	600	148	
1279	8½	18 18.20	56 58 21.9	239	37	
	8	18.23	19.8	585	228	
	8	18.40	20.2	239	39	
1280	8½	18 19.70	47 46 5.9	219	166	
1281	9	18 21.49	60 10 47.4	624	91	
	9	21.59	49.3	624	93	
	9	21.66	45.5	633	91	
	9	21.88	47.2	285	77	
1282	10	18 21.96	42 1 55.4	278	177	
1283	9½	18 22.24	29 4 20.4	670	135	
1284	8½	18 22.75	60 24 17.1	633	92	
1285	9	18 23.00	43 34 32.7	279	242	
1286	8½	18 23.47	36 23 44.4	631	67	
1287	6½	18 23.52	41 58 57.1	278	176	
1288	9½	18 24.00	58 13 54.7	621	134	
1289	9½	18 24.03	56 5 37.3	237	158	
1290	9½	18 24.93	50 29 38.0	635	41	
	9½	25.00	36.7	594	188	
1291	8	18 26.00	33 35 58.8	680	86	
1292	9	18 26.28	56 22 44.8	581	209	
	8½	26.39	45.6	239	36	
1293	8½	18 28.08	62 20 39.1	208	136	
	8½	28.29	40.7	246	18	
1294	9½	18 28.19	29 32 11.6	670	136	
1295	8½	18 29.55	36 30 7.7	631	68	
1296	8½	18 30.00	23 47 53.4	226	130	
	8½	30.15	55.3	648	8	
1297	8	18 30.32	28 29 41.7	231	138	
	7½	30.34	41.3	670	137	
1298	9	18 31.04	35 42 37.9	631	66	
1299	8½	18 31.94	36 17 40.1	631	69	
1300	9½	18 32.06	76 8 47.8	242	38	
1301	9	18 32.15	46 49 10.7	217	172	
1302	10	18 32.94	53 31 22.8	613	114	
1303	8½	18 36.43	59 13 59.8	284	82	
1304	9½	18 36.76	52 3 28.6	610	129	
1305	8½	18 36.80	76 1 56.9	242	37	
1306	9	18 37.14	62 59 41.1	250	14	
1307	9	18 39.89	54 27 5.7	613	115	
	9	40.04	3.6	234	177	
1308	9	18 40.03	44 45 26.5	279	244	
1309	8½	18 41.72	38 19 11.0	281	52	
1310	9	18 41.93	58 31 13.0	675	117	
1311	9½	18 43.40	34 36 25.8	254	52	
1312	9	18 43.78	58 35 57.8	675	119	
	9	43.92	57.7	677	120	
1313	8½	18 44.46	43 27 57.2	279	243	
1314	7½	18 45.94	57 29 40.2	585	232	
	7½	46.15	39.8	621	132	
1315	8½	18 46.00	57 2 29.5	585	229	
	8½	46.30	28.9	239	40	
1316	8½	18 46.89	59 6 58.8	284	81	
	8½	47.17	58.0	677	122	
1317	9½	18 48.68	69 26 52.4	577	142	
1318	9	18 48.85	59 52 7.2	624	92	
	8½	49.16	8.0	285	76	
1319	9½	18 51.20	31 19 39.0	673	112	
	10	51.54	43.7	223	130	
1320	9½	18 51.29	51 47 38.9	597	160	
	9½	51.34	39.5	597	158	
1321	9	18 51.62	34 27 23.8	254	53	
1322	9	18 51.73	62 35 9.6	246	20	
1323	9½	18 51.79	34 40 7.5	254	54	
1324	9½	18 52.47	66 25 57.5	626	98	
1325	8	11 18 52.59	31 18 43.9	223	129	
	8½	52.71	44.9	673	111	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
1326	9½	11 18 52.78	25 31 37.6	228	141
1327	8½	18 53.74	35 14 5.5	631	71
1328	9	18 56.45	76 59 29.1	242	36
1329	9	18 57.51	52 23 18.6	610	130
1330	9	18 57.51	27 58 47.1	665	152
	9	57.61	45.9	670	138
	9	57.70	48.5	231	137
1331	8½	18 57.62	66 18 57.5	626	97
	8½	57.85	57.3	591	143
	8½	57.98	58.6	195†	87
1332	9½	18 59.30	68 8 55.2	193†	54
1333	8½	18 59.40	62 39 19.3	246	19
1334	9	19 1.90	56 8 26.4	237	159
	9	2.26	28.1	581	210
1335	9½	19 3.42	49 21 57.4	635	42
1336	9	19 4.97	48 21 8.1	219	167
1337	9	19 6.10	26 11 2.0	228	142
	8½	6.15	1.2	665	151
	8½	6.20	1.7	648	9
1338	9	19 6.49	60 22 11.9	633	93
1339	8½	19 8.83	39 45 29.5	616	111
1340	9	19 10.05	39 2 38.1	616	110
	9	10.18	39.8	281	53
1341	9	19 12.60	54 26 14.9	234	178
	9½	12.60	15.0	613	116
1342	6	19 12.76	71 34 10.5	185†	10
	6	13.15	12.9	583	13
1343	9½	19 13.46	60 52 21.9	604	114
	9½	13.79	19.0	604	112
1344	9½	19 13.97	60 3 21.0	624	95
	9½	14.26	20.0	285	79
1345	9½	19 15.11	60 26 24.6	633	94
1346	8	19 15.52	60 57 52.0	604	113
1347	8	19 16.29	52 20 6.7	610	131
	8	16.35	6.3	597	159
1348	9	19 16.32	51 12 32.1	597	161
1349	8	19 17.26	66 52 59.2	193†	52
	8	17.42	57.9	628	30
	8	17.46	56.8	195†	86
	8½	17.55	58.4	626	99
1350	9	19 17.36	63 54 26.7	250	16
1351	9	19 19.57	40 36 39.0	616	114
1352	8½	19 19.91	60 35 38.0	633	95
	9	20.23	39.1	604	115
1353	9	19 19.97	63 24 37.9	600	149
	9	20.03	37.4	250	17
	9	20.20	38.4	646	14
1354	8	19 20.40	56 6 55.4	237	160
	8½	20.66	53.8	581	211
1355	9½	19 20.56	59 12 18.8	284	85
1356	10	19 20.86	42 8 1.0	278	178
1357	9½	19 22.33	49 44 40.9	635	44
	9	22.37	41.9	594	190
1358	8	19 22.82	58 57 53.6	284	83
	8	22.94	52.3	677	123
	8	22.98	52.2	289	58
1359	9	19 23.69	22 53 44.0	226	131
1360	8	19 25.33	62 44 42.4	246	21
1361	9½	19 25.81	40 2 20.4	616	112
1362	6	19 26.13	35 22 35.6	631	70
1363	9	19 26.77	45 37 1.5	217	173
1364	9½	19 27.50	45 18 32.3	217	175
1365	8	19 29.15	66 26 32.4	195†	88
	8	29.19	33.2	591	142
	8½	29.32	36.2	626	101
1366	9	19 30.10	60 2 50.9	624	94
	8½	30.24	52.5	285	78
	9	30.24	51.0	285	80
1367	6½	19 30.41	37 3 37.5	631	72
1368	8½	11 19 31.55	40 42 38.2	616	113
1369	9	11 19 31.80	56 8 17.7	581	212
1370	8	19 31.97	41 59 7.0	278	179
1371	8½	19 32.26	26 51 43.9	665	153
	8	32.34	45.1	231	139
	8½	32.48	43.4	228	143
1372	9	19 34.65	62 16 23.9	246	23
1373	9	19 35.52	50 55 45.0	635	46
1374	9½	19 36.78	54 28 29.2	613	117
	9	36.89	26.1	234	179
1375	8½	19 38.01	25 20 31.8	648	10
1376	9	19 38.34	60 40 56.6	604	116
1377	9½	19 38.41	54 21 53.4	234	180
1378	9½	19 38.80	60 35 22.8	633	96
	9½	39.20	24.2	604	117
1379	9	19 39.16	57 17 17.1	585	231
	9	39.27	17.8	239	42
1380	9	19 40.25	58 5 32.8	621	135
1381	9	19 40.28	49 37 54.8	635	43
	9½	40.32	58.2	594	189
	9	40.40	54.9	219	170
1382	9	19 40.38	43 24 54.3	279	246
1383	9½	19 43.72	59 19 49.7	284	86
1384	8	19 45.77	45 11 32.3	217	174
1385	9	19 47.76	36 13 3.4	631	73
1386	9	19 48.52	38 11 26.3	281	54
1387	9½	19 48.81	49 43 30.3	635	45
1388	8	19 49.71	57 8 33.4	585	230
	8	49.82	33.1	239	41
1389	9	19 50.97	69 11 23.1	577	144
	9½	51.21	21.7	628	31
1390	8	19 51.45	61 32 49.7	679	72
1391	9½	19 52.06	28 48 38.5	213	148
	9½	52.20	36.9	670	139
1392	9	19 52.53	60 17 20.6	633	98
	9	52.56	20.2	285	81
1393	8½	19 52.98	52 53 4.3	610	132
1394	9	19 54.64	55 40 46.9	237	161
1395	9½	19 54.96	33 3 26.1	254	55
1396	8½	19 55.58	71 7 24.4	577	145
	8	55.71	24.7	190†	48
	8	55.77	24.1	583	17
	8	55.79	23.9	577	143
	8	56.04	24.4	185†	11
1397	8½	19 58.65	44 12 54.7	279	245
1398	9	20 2.80	59 29 40.8	284	87
1399	10	20 3.83	57 40 37.1	621	136
1400	8½	20 4.03	55 45 26.8	237	162
1401	9½	20 4.09	40 24 56.2	616	115
1402	8½	20 5.38	48 20 28.2	219	168
1403	8	20 6.32	57 27 17.1	585	233
	8½	6.40	18.9	239	45
1404	9½	20 8.05	31 55 41.8	223	131
	9½	8.32	43.2	673	113
	9½	8.35	42.5	680	87
1405	8½	20 8.38	72 10 39.3	185†	12
1406	10	20 8.85	45 16 18.7	217	176
1407	8½	20 9.14	25 4 2.5	228	144
	8½	9.25	4.4	648	11
	8½	9.29	2.9	226	132
1408	10	20 11.27	54 19 35.6	613	118
	9½	11.40	36.2	234	181
1409	10	20 11.36	67 20 59.4	193†	53
1410	9	20 12.00	25 15 22.3	648	12
1411	9	20 12.37	58 54 22.5	284	84
	9	12.50	21.4	677	124
	9	12.66	21.6	289	59
1412	8½	20 12.90	62 26 31.6	246	22
1413	8½	20 13.79	64 49 21.6	600	150
	8½	13.93	24.1	646	16
1414	8	11 20 15.05	38 44 43.5	281	56

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
1415	8	11 20 15.29	63 7 19.0	250	19
1416	9	20 16.06	26 53 52.3	665	154
	8½	16.27	55.0	231	140
1417	9	20 18.26	75 55 29.8	242	41
1418	9	20 18.74	42 24 8.8	278	180
1419	5½	20 19.22	63 16 58.0	646	15
	6	19.24	58.0	250	18
1420	7	20 19.65	72 56 49.1	185†	13
	7	20.12	51.0	583	16
1421	8½	20 21.06	33 29 5.5	254	56
	8½	21.23	4.2	680	89
1422	9	20 21.27	50 40 25.3	594	191
1423	8	20 21.96	58 39 54.0	677	125
	8	22.08	55.1	675	120
	8	22.17	54.4	289	60
1424	9½	20 23.10	75 16 23.1	242	43
1425	8½	20 24.63	33 27 9.8	254	57
	8½	24.68	7.0	680	88
1426	9½	20 25.30	26 57 41.1	231	141
1427	10	20 25.58	58 17 10.2	675	121
	10	25.60	11.2	621	138
1428	9½	20 25.72	68 43 51.4	628	32
1429	8½	20 26.22	49 26 15.2	219	169
1430	9½	20 26.83	54 55 58.6	234	184
1431	7½	20 28.05	36 11 44.9	631	74
1432	9	20 28.07	38 13 38.9	231	55
1433	8½	20 28.65	61 46 7.7	679	73
1434	9½	20 30.32	60 20 34.1	633	97
	9½	30.47	33.5	285	82
1435	9½	20 31.35	50 57 7.8	597	162
1436	9	20 31.79	57 41 54.9	621	137
1437	9½	20 32.67	53 52 45.3	613	119
1438	8	20 33.60	57 14 18.0	239	46
	8	33.64	16.2	585	234
	8½	33.68	18.0	239	43
1439	9½	20 35.18	58 16 14.3	621	139
	9½	35.21	13.3	675	122
1440	9½	20 37.72	51 42 0.1	597	163
1441	9	20 40.11	42 33 27.3	278	182
1442	9	20 40.37	55 56 18.4	237	163
	9½	40.43	18.0	581	213
1443	9½	20 41.05	46 10 48.5	217	177
1444	8	20 44.53	58 35 39.9	677	126
	8	44.69	40.6	675	123
	8	44.82	39.6	289	61
1445	9	20 44.54	42 25 44.9	278	181
1446	8½	20 44.98	73 17 58.7	185†	15
	8½	45.12	60.5	583	14
1447	9½	20 45.46	62 14 46.9	246	24
1448	9½	20 45.79	54 47 20.6	234	182
1449	9	20 46.43	59 45 16.7	284	88
	9	46.50	15.0	624	96
1450	9	20 47.26	43 23 11.9	279	247
1451	8½	20 47.26	50 28 25.4	635	50
	8½	47.56	26.4	594	192
1452	9½	20 48.96	46 26 22.6	217	178
1453	9½	20 49.44	75 12 11.7	242	42
1454	8½	20 49.56	75 45 59.6	242	39
1455	9½	20 51.59	58 43 57.4	289	63
1456	8½	20 51.74	29 14 48.1	292	1
	9	51.87	45.0	213	149
	9	51.98	46.6	670	140
	8½	52.07	50.0	670	142
1457	10	20 52.00	58 11 29.7	621	140
1458	9½	20 52.36	40 13 19.2	616	116
1459	9½	20 54.46	60 31 27.1	633	100
1460	9½	11 20 55.41	66 16 4.9	626	102
	9½	55.55	3.1	626	100
	9	55.85	2.2	591	144
1461	8½	11 20 56.00	50 1 17.4	635	48
1462	8½	20 56.76	58 44 56.8	677	127
	8½	56.95	58.2	289	62
1463	9	20 58.29	58 57 51.4	677	128
1464	6½	20 58.30	52 28 22.1	610	133
1465	6	20 58.43	60 25 38.5	604	118
	6	58.49	38.6	633	99
	6	58.68	38.5	285	83
1466	8½	20 58.74	50 1 31.2	635	47
1467	9	20 58.85	28 53 26.3	292	2
1468	9½	21 0.05	54 50 12.2	234	183
1469	10	21 1.74	42 26 16.6	278	183
1470	9½	21 4.65	57 30 23.0	239	44
1471	9	21 6.13	73 7 59.2	583	15
	9	6.23	58.4	185†	14
	8½	6.27	62.1	640	1
1472	9	21 6.77	61 24 51.9	679	74
1473	10	21 8.28	58 11 20.1	621	141
1474	9½	21 8.41	54 10 30.2	613	121
1475	8	21 8.54	23 28 52.8	226	133
1476	8½	21 9.03	47 4 20.8	217	179
	8	9.16	22.9	219	171
1477	9	21 9.17	66 23 30.9	195†	89
	9	9.19	29.6	591	145
	9	9.31	29.3	626	103
1478	9½	21 10.39	70 2 41.1	577	146
1479	9	21 11.13	54 9 50.4	613	120
1480	8½	21 11.77	75 49 13.8	242	40
1481	9½	21 12.35	50 25 10.5	635	49
1482	8½	21 13.72	36 50 46.7	631	76
	8½	13.79	46.2	631	75
1483	9	21 15.05	32 59 53.4	680	90
1484	7	21 15.66	55 35 33.1	237	164
1485	8	21 16.33	62 7 55.3	246	25
	8	16.48	55.8	679	75
1486	8	21 16.38	23 23 52.8	226	134
1487	9½	21 17.26	42 29 38.0	278	184
1488	9	21 20.07	37 6 46.2	631	77
1489	9	21 20.90	28 16 43.6	231	142
	9	20.91	43.5	670	141
1490	9	21 21.97	75 2 26.6	242	45
1491	9	21 22.52	55 55 19.1	237	165
	9	22.62	20.8	581	214
1492	7	21 22.78	60 40 54.5	604	119
1493	10	21 22.81	30 33 59.1	213	150
1494	10	21 23.44	60 13 12.3	633	101
1495	7	21 26.32	25 10 27.1	648	13
	7	26.36	25.1	228	145
	7	26.43	24.6	226	135
1496	7½	21 26.93	39 11 17.2	281	57
	7½	27.02	18.0	616	118
1497	9	21 27.53	59 56 0.2	624	97
	9	27.68	2.7	285	84
1498	9	21 27.66	67 55 9.9	628	34
1499	9	21 28.26	34 33 53.7	254	58
1500	9	21 31.00	50 25 20.6	635	51
	9	31.14	21.0	594	193
1501	9½	21 31.25	45 5 27.4	279	249
1502	9½	21 31.67	58 34 20.3	675	124
	9½	31.73	20.8	675	126
	9½	31.75	19.7	289	64
1503	9	21 31.96	45 6 3.5	279	248
1504	8	21 32.85	31 27 39.9	673	114
	8	32.91	40.9	223	132
1505	9½	21 33.08	40 9 42.8	616	117
1506	9½	21 34.91	58 57 10.7	677	129
1507	9	11 21 35.42	58 19 20.3	675	125
	9	35.46	20.3	621	142
	8½	35.54	20.3	289	65

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1508	8½	11 21 37.37	35 21 42.0	631	80	
1509	9½	21 37.60	62 22 29.1	246	26	
1510	9	21 40.91	38 9 51.6	281	59	
1511	9	21 41.35	31 57 17.5	680	91	
1512	8½	21 41.18	29 48 33.3	292	3	
	9	41.38	33.2	670	143	
1513	8	21 41.58	68 21 32.3	628	33	
	8	41.81	31.4	193†	55	
1514	8½	21 41.97	48 51 47.9	219	172	
1515	8½	21 42.88	35 23 6.1	631	79	
1516	9½	21 44.58	31 13 2.8	673	115	
1517	9	21 46.27	27 48 15.8	231	143	
	9	46.31	13.5	665	155	
1518	9	21 46.45	69 54 30.5	577	147	
1519	8½	21 46.78	39 4 3.9	616	119	
	8½	46.99	2.8	281	58	
1520	9	21 46.93	59 51 28.5	624	98	
	9	47.09	28.4	285	85	
	9	47.19	30.1	284	92	
	9	47.19	28.7	284	89	
1521	7½	21 50.58	34 51 43.4	631	78	
1522	9	21 51.07	55 12 59.0	237	166	
	9	51.15	60.0	234	185	
1523	7	21 52.40	34 38 26.7	254	59	
1524	9½	21 52.43	61 3 45.6	604	122	
1525	8½	21 53.49	27 41 57.2	231	144	
	8½	53.64	53.9	665	156	
1526	9	21 54.39	25 34 25.9	228	147	
	9	54.63	26.1	648	14	
1527	9½	21 54.54	64 25 34.9	600	151	
	9½	54.63	34.0	646	17	
1528	8	21 54.95	62 55 49.5	250	20	
	8½	54.97	52.2	250	22	
1529	9	21 55.09	46 17 3.3	217	181	
1530	9	21 56.02	51 48 27.0	597	164	
1531	9	21 59.50	34 30 38.7	254	60	
1532	9	22 0.03	60 57 49.0	604	123	
1533	9½	22 0.29	60 53 9.5	604	121	
1534	9	22 0.76	35 17 50.7	631	81	
1535	9	22 0.85	30 32 56.6	673	116	n. pr.
	9	0.92	55.6	213	151	
1536	9	22 1.23	53 13 27.0	610	134	
1537	9½	22 1.48	59 3 45.2	289	66	
	9	1.61	44.2	677	130	
1538	9	22 2.04	32 48 3.1	680	92	
	9	2.16	2.0	223	133	
1539	10	22 2.29	30 33 0.5	213	152	s. sq.
1540	7½	22 3.53	59 48 24.6	624	99	
	7½	3.77	26.8	284	90	
	7½	3.83	27.2	285	86	
1541	9	22 3.81	25 3 36.0	228	146	
	9	3.96	35.4	226	136	
1542	8½	22 4.83	46 39 43.4	217	180	
1543	9	22 5.47	30 3 33.7	292	4	p
1544	9	22 7.13	50 55 44.8	594	194	
	9	7.18	45.4	635	52	
1545	9½	22 7.78	55 6 52.2	234	187	
1546	9	22 8.24	52 25 50.4	610	135	
1547	9½	22 8.39	50 54 37.9	635	53	
1548	8½	22 8.52	57 59 32.4	621	144	
1549	9	22 9.07	26 58 40.1	665	157	
1550	8	22 10.23	50 9 60.6	635	54	
	8½	10.48	59.1	594	195	
1551	9½	22 19.09	59 45 39.4	624	100	
	9½	19.26	40.9	285	87	
	9½	19.32	40.9	284	91	
1552	8½	22 20.28	43 24 24.7	279	250	
1553	8	11 22 20.62	42 46 9.3	278	185	
1554	9	11 22 21.10	69 26 18.3	577	148	
	9	21.28	16.9	190†	50	
1555	8½	22 21.39	31 10 6.9	223	135	
	8	21.40	5.4	673	117	
	8	21.48	7.4	213	153	
1556	8½	22 21.50	62 7 1.4	679	76	
	8½	21.54	1.9	246	29	
1557	10	22 22.28	32 53 37.3	223	134	
1558	9½	22 22.46	57 55 19.9	621	143	
1559	8	22 22.50	51 21 46.7	597	165	
1560	9	22 23.35	43 25 20.2	279	251	
1561	9	22 24.92	60 43 22.7	604	120	dpl. III.
1562	8½	22 26.55	56 49 1.6	239	47	
1563	8½	22 27.25	45 5 9.5	217	182	
	8	27.35	9.1	279	253	
1564	8½	22 27.30	38 7 51.7	281	60	
1565	9½	22 30.19	63 30 7.6	600	153	
	9½	30.19	5.7	646	18	
	9	30.36	7.1	250	21	
1566	8½	22 32.36	75 14 45.6	242	44	
1567	9½	22 32.51	58 22 8.7	675	127	
1568	8	22 32.89	65 30 5.4	591	146	
	8	32.99	4.2	626	104	
	8	33.00	4.6	195†	90	
1569	8	22 33.00	25 40 14.5	228	148	
	8	33.03	14.6	648	15	
1570	8	22 33.52	27 4 10.6	665	158	
1571	5½	22 34.17	41 59 8.5	278	186	} dpl.
1572	8½	22 34.38	41 59 22.2	278	187	
1573	9	22 34.93	25 9 54.6	648	17	
	9	35.07	50.5	226	137	
1574	9	22 35.86	73 32 19.2	185†	16	
	8½	35.93	21.3	640	2	
	8½	36.81	22.1	583	21	
1575	9½	22 36.03	60 17 11.5	633	103	
1576	8	22 38.47	44 27 4.2	279	252	
1577	8½	22 39.44	53 39 18.5	613	122	
1578	7½	22 39.46	39 7 52.1	281	61	
	7½	39.53	52.3	616	120	
1579	8½	22 39.78	71 22 55.6	583	18	
1580	9	22 40.70	61 22 30.6	679	77	
1581	8	22 40.97	25 37 50.2	648	16	
	8	41.08	52.8	228	149	
1582	9	22 41.53	55 11 56.3	237	167	
	9½	41.66	55.3	234	186	
	9	41.83	59.8	638	2	
1583	9½	22 41.89	52 29 5.1	610	136	
1584	10	22 43.18	57 49 33.5	621	145	
1585	9½	22 44.00	29 45 23.8	670	144	
1586	9	22 45.81	59 55 15.2	624	101	
	9	46.12	14.9	285	88	
1587	8½	22 45.98	24 4 42.1	226	138	
1588	9	22 46.12	30 58 40.2	292	5	
1589	9	22 46.78	51 0 29.3	597	166	
1590	9	22 48.01	60 53 45.9	604	124	
1591	10	22 48.79	52 42 25.8	610	138	
1592	9½	22 48.82	60 18 51.9	633	102	
1593	8	22 49.45	54 11 39.2	613	124	
1594	8½	22 49.55	25 56 38.7	665	159	
	8½	49.65	38.4	686	1	
1595	7½	22 50.35	57 27 14.6	621	149	
1596	9	22 50.41	53 28 50.4	610	139	
	8½	50.48	50.0	613	123	
1597	9½	22 53.04	59 44 52.6	285	91	
1598	9½	22 53.78	34 58 45.5	254	61	
	9½	53.79	46.5	631	82	
1599	8	22 55.08	77 50 1.9	242	46	
1600	10	11 22 55.57	66 54 33.9	193†	56	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1601	10	11 22 58.36	50 57 26.4	597	167	
1602	9	22 58.65	64 11 54.7	600	152	
	8½	58.82	55.9	646	19	
1603	8	22 59.30	65 48 1.5	195†	91	
	8	59.47	3.3	626	105	
	8	59.81	0.6	591	147	
1604	9½	22 59.81	54 12 2.4	613	125	
1605	9	23 0.45	39 44 55.7	616	122	
1606	9	23 1.04	57 42 20.0	621	146	
1607	9	23 3.05	60 23 30.7	633	104	
1608	9½	23 7.34	28 40 25.4	670	146	
1609	9½	23 8.66	32 44 18.8	223	136	
	9	8.68	22.4	680	94	
1610	7½	23 10.14	70 25 43.1	190†	49	
	8	10.17	45.5	577	149	
	7½	10.27	43.0	642	1	
1611	8½	23 10.79	62 53 12.5	250	23	
	8½	10.82	10.8	246	27	
1612	9	23 11.85	59 58 30.8	624	102	
	9	12.10	32.0	285	89	
1613	9	23 12.04	57 40 19.9	621	147	
1614	9	23 12.05	23 27 44.9	231	145	
1615	8½	23 12.47	25 40 24.0	228	150	
1616	6½	23 12.63	71 47 7.8	185†	18	
	6½	12.97	8.2	583	19	
1617	9	23 15.51	62 14 32.7	246	28	
1618	9	23 16.49	54 13 42.7	613	126	
1619	8½	23 16.64	28 46 9.2	684	1	
	8½	16.72	9.4	670	145	
1620	8	23 17.07	61 57 51.3	679	78	
1621	9	23 17.17	52 39 30.2	610	137	
1622	9½	23 18.64	59 46 40.6	285	92	
1623	9	23 18.69	32 29 17.4	223	137	
	8½	18.71	15.8	680	93	
1624	8½	23 18.72	55 57 20.8	239	48	
1625	9	23 19.13	40 17 24.5	616	121	
1626	9½	23 20.22	60 11 30.2	633	105	
1627	9	23 21.08	56 9 1.9	239	49	
1628	9½	23 21.64	57 37 40.9	621	148	
1629	9½	23 21.91	36 47 1.2	631	83	
1630	9	23 22.23	54 43 10.6	638	1	
1631	9½	23 22.60	41 14 45.2	278	188	
1632	9½	23 23.37	62 52 39.6	250	24	dpl. I. pr.
1633	6	23 25.81	23 46 35.9	226	139	
1634	7	23 26.30	27 20 30.2	686	2	
	7	26.32	29.3	665	160	
	7	26.46	30.2	231	146	
1635	8½	23 26.79	50 37 56.9	635	55	
	8½	26.96	58.1	594	197	
1636	9½	23 28.75	39 19 11.3	616	125	
1637	9	23 30.23	48 9 23.4	219	173	
1638	9½	23 32.14	55 15 29.7	638	4	
	9	32.18	25.9	237	168	
	9½	32.45	27.6	234	188	
1639	7½	23 32.48	24 18 48.9	648	19	
	7½	32.50	49.2	226	141	
1640	9	23 32.65	53 22 45.4	610	141	
	9	32.69	45.8	613	129	
1641	9½	23 32.98	50 5 41.5	594	196	
1642	9½	23 35.32	55 15 32.1	237	169	
	10	35.35	34.7	234	189	
	9½	35.36	36.3	638	5	
1643	7½	23 35.62	57 8 36.3	239	52	
1644	9	23 37.07	23 47 46.1	226	140	
	9	37.14	45.8	648	18	
1645	7	23 37.10	37 46 2.6	281	62	
1646	9	23 37.32	63 10 20.3	250	27	
1647	7	23 39.58	62 51 55.7	250	25	
1648	8½	11 23 42.76	52 56 14.6	610	140	
1649	9½	11 23 43.05	56 8 3.9	239	50	
1650	9½	23 43.74	39 19 33.8	616	124	
1651	9	23 45.05	47 13 27.0	217	183	
1652	9	23 45.35	62 0 10.2	246	30	
	8½	45.69	7.5	679	79	
1653	9½	23 45.48	62 9 33.5	246	31	
1654	9	23 45.54	37 24 6.4	281	63	
1655	9½	23 46.27	62 10 53.8	246	32	
1656	9½	23 46.43	49 1 43.5	219	174	
1657	9	23 47.04	44 48 4.5	279	254	
1658	9	23 47.92	60 54 26.3	604	125	
1659	9½	23 47.93	39 19 44.2	616	123	
1660	9	23 48.14	55 12 21.1	237	170	
	9	48.35	19.9	638	3	
	9	48.45	19.4	234	190	
1661	9½	23 49.96	24 51 54.8	648	20	
1662	10	23 50.43	60 20 36.8	633	106	
1663	10	23 50.48	29 45 39.5	213	155	
1664	9	23 50.85	25 51 42.6	665	161	
	9	50.86	43.0	228	151	
	8½	50.95	42.8	686	3	
1665	9½	23 52.22	61 41 10.3	679	81	
1666	9	23 53.45	36 8 31.5	631	84	
1667	9	23 53.79	61 50 15.7	679	80	
1668	9½	23 54.25	66 32 44.4	626	106	
	9½	54.63	44.7	195†	92	
1669	9	23 54.45	56 10 36.2	239	51	
1670	9½	23 55.48	59 48 37.6	624	103	
	9½	55.56	36.5	284	93	
	9	55.57	37.8	285	93	
	9½	55.90	36.8	285	90	
1671	9½	23 55.83	55 11 19.6	234	191	
	9½	55.90	21.1	237	171	
1672	9½	23 56.66	52 0 36.4	597	169	
1673	9	23 57.43	57 6 6.2	239	53	
1674	9½	23 58.30	58 34 36.5	289	67	
1675	9½	23 58.66	63 21 19.4	646	20	
1676	8	23 58.75	50 58 37.0	597	168	
1677	9½	23 59.17	68 43 21.6	628	36	
1678	7½	24 0.33	44 0 4.3	279	255	
1679	9	24 0.54	33 21 14.8	254	62	
	9	0.56	14.6	680	95	
1680	9½	24 1.94	31 43 38.1	673	118	
	9½	2.03	37.6	223	138	
1681	9½	24 4.05	60 58 50.4	604	126	
1682	9	24 4.83	53 56 37.8	613	131	
1683	8	24 5.26	54 37 47.5	613	127	
	8	5.31	46.7	234	192	
	8	5.35	48.3	638	8	
1684	9	24 5.42	50 37 51.9	635	56	
	9	5.75	54.3	594	198	
1685	9½	24 6.12	57 7 5.5	239	54	
1686	9	24 8.02	54 36 19.4	638	7	
1687	7	24 8.08	25 6 34.9	226	142	
	7	8.23	35.9	228	152	
	7	8.29	36.5	648	21	
1688	9½	24 8.38	59 21 8.2	284	94	
1689	8	24 8.50	54 34 26.3	613	128	
	8	8.78	26.4	234	193	
1690	9½	24 10.92	78 48 51.3	242	48	
1691	9½	24 11.76	66 2 23.4	626	108	
1692	9½	24 12.69	67 45 14.5	193†	59	
	9	12.90	15.5	628	35	
	9½	12.93	15.0	193†	57	
1693	8½	24 15.05	48 57 28.2	219	175	
1694	8½	24 15.65	41 27 38.7	278	189	
1695	9	24 17.22	52 49 0.5	610	142	
1696	9½	11 24 17.69	58 18 54.1	621	150	
	9½	17.85	53.6	675	128	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1697	9½	11 24 17.87	44 7 5.1	279	256	
1698	9	24 18.05	53 58 27.8	613	130	dpl. II.
1699	9	24 18.45	54 52 10.7	638	6	
1700	8½	24 19.22	66 23 17.9	626	107	
	8½	19.27	15.1	591	148	
	8½	19.46	17.9	195†	93	
1701	9	24 19.76	59 54 37.4	624	105	
1702	8	24 21.26	29 44 57.3	292	6	
	8½	21.28	55.8	684	2	
	9	21.44	54.1	213	154	
	8½	21.59	54.6	670	147	
1703	9	24 22.15	33 19 33.9	254	63	
1704	8½	24 22.23	73 50 5.6	640	3	
	8½	22.66	6.7	583	22	
1705	8½	24 22.52	49 5 56.1	219	173	
1706	9	24 23.58	43 33 20.2	279	257	
1707	10	24 25.78	45 50 50.2	217	184	
1708	9½	24 26.98	32 42 34.2	680	96	
1709	9	24 27.88	36 4 48.9	631	85	
1710	9½	24 28.88	60 28 34.7	633	107	
	9½	29.03	36.5	604	128	
1711	9	24 32.79	25 1 49.7	226	143	
	9½	32.89	49.4	228	153	
	9	33.07	49.1	648	22	
1712	9	24 33.10	59 50 15.9	624	104	
	8½	33.23	16.6	285	94	
1713	9½	24 35.25	69 10 22.4	577	151	
	9	35.41	21.8	628	37	
1714	9½	24 37.06	58 28 51.8	675	129	
	9	37.32	52.5	289	69	
1715	10	24 37.25	58 25 59.8	675	130	
	9½	37.80	59.9	289	68	
1716	9	24 38.16	49 48 44.8	594	200	
	9	38.37	41.6	635	57	
1718	8	24 41.37	58 56 14.2	677	131	
	8	41.43	15.9	289	71	
1719	8½	24 42.51	59 19 52.3	284	95	
1720	8½	24 42.88	29 49 41.3	292	7	
	9½	42.98	37.6	213	156	
	9	43.08	36.8	673	119	
	9	43.08	39.3	684	3	
	9	43.15	37.6	670	148	
1721	8½	24 44.15	51 56 3.4	597	170	
	9	44.28	3.4	610	144	
1722	8	24 46.33	36 57 15.9	281	64	
	8½	46.46	17.3	631	86	
1723	8½	24 47.55	63 7 40.7	250	26	
1724	8	24 48.11	25 12 37.9	228	154	
	8½	48.14	39.2	648	23	
	8½	48.21	36.0	226	144	
1725	9	24 49.34	64 19 41.0	600	154	
	9	49.36	40.9	646	22	
1726	9	24 50.08	63 29 28.6	250	29	
	9	50.31	28.5	646	21	
1727	8	24 51.20	61 28 46.4	679	82	
1728	9	24 51.31	29 34 31.0	684	4	
	9	51.55	30.6	670	149	
1729	8	24 51.50	72 41 7.2	185†	17	
	8	52.14	9.2	583	20	
1730	8	24 52.12	28 6 22.0	665	162	
	8	52.14	23.1	231	147	
	8	52.17	22.3	686	4	
	8	52.25	24.2	684	5	
1731	9½	24 52.40	56 53 39.6	239	56	
1732	7	24 53.21	41 14 11.7	278	190	
1733	9	24 55.74	71 38 40.8	185†	19	
1734	8	24 56.34	37 3 31.8	281	65	
	8	56.42	34.1	631	87	
1735	9½	11 24 56.45	40 32 36.8	616	126	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
1736	9½	11 24 57.08	56 57 20.1	239	57
1737	8	24 57.30	50 15 8.8	635	58
	8½	57.70	6.9	594	199
1738	8	25 0.16	58 7 18.8	621	151
1739	8	25 1.04	62 5 51.5	246	33
1740	8½	25 1.57	59 20 16.8	284	96
1741	9½	25 1.76	70 13 7.9	577	150
	10	2.22	7.9	642	2
1742	8½	25 3.82	60 23 18.5	633	108
	8	3.90	19.0	604	127
1743	8½	25 3.83	51 55 2.1	597	171
	8½	4.12	2.6	610	143
1744	9½	25 5.04	67 17 7.1	193†	60
	9½	5.57	5.3	195†	94
	9½	5.61	7.9	628	39
1745	8½	25 5.94	34 57 28.1	254	64
	8½	5.99	32.6	631	89
1746	8	25 7.82	59 37 42.4	624	106
	8	7.91	42.4	284	98
	8	8.14	43.1	285	95
1747	7½	25 8.40	44 16 41.0	279	258
1748	9	25 13.31	33 1 43.8	223	140
	8½	13.41	44.4	680	97
1749	9	25 14.84	24 31 58.9	648	25
1750	9½	25 15.19	46 8 21.6	217	187
1751	8½	25 15.41	31 56 16.5	659	1
	8½	15.49	15.2	673	120
	9	15.69	12.7	223	139
1752	9	25 17.44	37 6 13.0	631	88
1753	9½	25 17.93	54 48 33.0	234	194
1754	9½	25 18.28	62 26 15.2	246	35
1755	9	25 19.77	60 57 15.3	604	130
1756	8½	25 19.88	48 58 51.9	219	177
1757	10	25 20.58	44 22 57.1	279	259
1758	8	25 21.02	29 52 11.7	292	8
	9½	21.11	11.9	213	157
	9	21.21	11.7	670	150
1759	9	25 21.20	58 8 46.1	675	131
	8½	21.34	44.9	621	152
	9	21.44	44.9	289	70
1760	8½	25 21.85	40 51 26.5	278	191
1761	9½	25 23.22	28 56 36.8	231	148
1762	8	25 23.45	43 56 17.5	211	1
	8	23.64	17.5	279	261
1763	8½	25 24.22	30 25 12.3	292	9
	9	24.38	12.2	673	121
1764	9	25 24.70	66 53 0.1	193†	58
	9½	25.04	2.4	195†	96
	9½	25.18	0.7	626	110
1765	9	25 24.71	51 7 27.5	597	173
1766	8½	25 26.08	48 22 44.4	219	178
1767	9½	25 26.17	53 56 58.7	613	132
1768	9½	25 26.44	63 21 13.2	646	24
	9	26.54	11.1	250	28
	9	26.62	11.9	250	30
1769	9½	25 26.79	32 56 23.8	223	141
	9½	26.97	26.7	630	98
1770	9	25 26.95	71 21 17.6	583	26
	9	26.99	14.1	185†	20
1771	9	25 26.98	73 55 7.9	640	4
	9	27.33	8.0	583	23
1772	10	25 27.31	45 53 33.5	217	186
1773	8½	25 27.48	62 15 26.9	246	38
1774	9½	25 30.10	41 18 40.4	278	192
1775	9	25 30.28	62 16 50.3	246	37
1776	8	25 31.51	45 24 13.4	217	185
1777	9	25 32.40	59 23 45.3	284	97
1778	7	25 32.59	60 35 18.0	633	109
	7	32.74	18.2	604	129
1779	9½	11 25 32.66	34 43 53.7	254	65

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1780	9½	11 25 32.77	62 29 47.4	246	34	
1781	9½	25 33.24	50 9 39.8	635	59	
	9	33.24	39.1	594	201	
1782	7	25 34.10	44 2 54.9	279	260	
	7	34.26	56.1	211	2	
1783	8½	25 34.60	23 50 56.5	648	24	
	9	34.65	57.9	226	145	
1784	9	25 35.60	57 54 15.7	621	153	
1785	8½	25 36.82	39 29 27.3	616	127	
1786	9	25 37.23	65 3 9.0	646	23	
1787	8½	25 38.10	61 34 4.8	679	83	
1788	9	25 38.33	57 0 35.6	239	58	
	9	38.35	32.8	239	55	
1789	9	25 42.60	66 43 38.9	195†	97	
	9	42.76	38.1	591	149	
	9	42.88	38.5	626	111	
1790	9	25 43.28	78 15 8.9	242	47	
1791	9½	25 43.67	55 22 3.2	638	9	
	10	43.69	2.9	237	172	
1792	9½	25 43.86	58 58 54.0	677	132	
1793	8½	25 46.99	59 57 31.4	624	107	
	8½	47.16	31.6	285	96	
1794	9	25 47.56	26 2 47.8	665	163	
	9½	47.64	47.0	228	155	
	9	47.68	47.2	686	5	
	9	47.70	48.9	648	27	
1795	9	25 49.30	50 57 49.8	597	172	
1796	8	25 50.10	54 3 52.3	613	133	
1797	9	25 50.88	47 31 54.0	219	180	
1798	9	25 51.32	72 46 46.5	583	24	
1799	9½	25 51.85	69 28 18.7	190†	51	
	9½	52.16	19.9	642	3	
1800	9½	25 51.90	39 2 51.4	616	128	
1801	9	25 52.86	38 30 23.9	281	66	
1802	8½	25 58.23	30 42 48.8	292	10	
	9	58.38	48.1	659	3	
1803	5	25 59.65	58 45 6.2	677	133	
	5	59.94	6.8	289	72	
1804	9½	26 1.84	55 2 43.8	638	10	
	9½	1.94	44.5	638	12	
	9½	2.04	43.1	234	195	
1805	9	26 1.84	51 45 53.4	597	174	n. pr.
	9	2.15	57.5	644	1	
1806	5½	26 2.65	58 49 31.2	677	135	
	5½	2.81	31.6	289	73	
1807	10	26 2.80	73 0 45.8	640	6	
1808	8½	26 3.12	51 46 3.2	644	2	s. sq.
1809	8	26 3.49	59 54 58.7	624	109	
	8	3.74	59.1	285	98	
1810	9½	26 3.66	59 50 13.7	284	99	
1811	6	26 4.36	28 34 42.8	684	6	s. pr.
	6	4.59	43.6	670	151	
	6	4.65	41.9	231	149	
1812	9	26 4.41	48 21 17.7	219	179	
1813	8	26 4.43	30 41 27.3	292	11	
	8½	4.77	25.7	659	2	
1814	8½	26 4.49	61 23 58.0	679	84	
1815	8	26 4.65	60 0 13.1	285	97	
	8½	4.70	11.8	624	108	
1816	6½	26 4.79	28 34 34.9	231	150	n. sq.
	6	4.87	33.4	684	7	
	6	4.98	32.8	670	152	
1817	8½	26 6.09	67 2 30.4	193†	63	
	8½	6.19	31.3	628	40	
	8½	6.26	27.2	195†	95	
	8½	6.26	28.5	591	150	
	8½	6.47	28.5	626	109	
1818	8	26 8.05	61 4 58.0	604	131	
	8	8.23	60.4	604	134	
1819	9	11 26 8.18	41 40 37.6	278	193	
1820	9	11 26 9.90	62 28 1.1	246	36	
	9	10.15	1.4	246	39	
1821	6½	26 10.97	26 3 27.0	228	156	
	6½	11.01	27.6	648	26	
	6½	11.06	27.1	686	6	
	6½	11.06	27.5	665	164	
1822	9	26 11.23	63 12 51.4	250	31	
1823	9	26 13.67	59 2 59.5	677	134	
	8½	13.96	61.4	284	103	
	8½	13.96	61.5	289	75	
1824	9½	26 15.47	67 22 58.3	628	41	
1825	8½	26 15.51	35 37 58.6	631	90	
1826	8	26 17.33	30 16 55.5	292	12	
	8	17.48	56.1	659	5	
	8½	17.53	53.5	213	159	
	8½	17.56	53.1	673	122	
1827	9½	26 17.37	28 50 28.6	213	158	
1828	9	26 19.88	38 26 20.1	281	67	
1829	8	26 19.93	28 27 7.6	684	8	
	8	19.95	6.0	670	153	
	8	20.17	6.8	231	151	
1830	9	26 21.48	67 22 3.5	193†	61	
	9	21.78	3.2	628	38	
1831	9	26 22.27	49 15 28.3	219	182	
1832	9	26 23.06	57 48 57.5	621	154	
1833	9½	26 24.97	70 14 53.3	190†	53	
1834	9	26 25.78	50 14 29.2	594	202	
	9	25.96	29.5	635	60	
1835	8½	26 26.16	63 13 8.2	250	32	
1836	8½	26 26.99	32 15 22.4	680	99	
1837	8½	26 27.53	27 55 0.6	665	165	
1838	8	26 27.79	71 14 17.4	190†	52	
	8	27.83	20.0	583	25	
	8	27.94	17.2	185†	21	
1839	9	26 29.44	58 23 9.8	675	132	
	9	29.58	10.8	289	76	
1840	9	26 30.22	55 30 6.6	638	13	
1841	9	26 30.58	56 44 55.2	239	61	
1842	8½	26 31.14	49 21 1.5	219	181	
	8½	31.40	2.0	644	3	
1843	8½	26 32.24	60 9 46.3	633	110	
	8½	32.27	46.7	285	100	
	8½	32.31	49.0	633	115	
	8½	32.34	47.5	624	111	
1844	9½	26 33.39	66 20 54.3	195†	99	
	9½	33.95	52.3	626	112	
1845	8½	26 34.06	46 22 9.4	217	188	
1846	8½	26 35.05	23 13 35.5	226	146	
1847	9½	26 35.87	60 28 25.8	633	114	
	10	36.01	26.1	633	111	
1848	9	26 36.42	64 2 59.9	646	27	
1849	9½	26 37.03	54 8 32.2	613	134	
1850	9	26 38.55	28 2 52.8	665	166	
1851	9	26 38.83	36 49 0.0	631	92	
1852	7	26 39.73	73 12 45.4	640	5	
	7	40.02	44.9	185†	25	
1853	9	26 40.91	55 28 27.7	638	14	
1854	9	26 40.99	71 47 31.1	185†	24	
	9	41.17	32.1	583	29	
1855	9	26 41.26	57 39 4.4	621	156	
1856	6	26 43.13	30 23 51.1	292	13	
	6	43.30	52.3	659	4	
	6	43.36	51.4	213	160	
	6	43.42	50.4	673	123	
1857	6	26 43.36	39 44 52.0	616	129	
1858	9	26 44.21	26 55 57.2	686	7	
1859	7	26 45.03	35 31 4.4	631	91	
1860	8½	26 45.15	49 50 27.7	594	204	
	8½	45.52	28.9	644	4	
1861	10	11 26 45.61	46 7 43.5	217	189	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
1862	7½	11 26 45.93	59 1 38.1	677	136	
	7½	46.09	37.5	289	74	
	7½	46.22	38.9	284	102	
1863	8½	26 45.99	53 54 52.0	613	135	
1864	9½	26 46.49	61 15 7.2	679	86	
1865	8½	26 47.01	23 13 1.8	226	147	
1866	6½	26 47.08	66 16 18.2	626	113	
	6½	47.10	16.8	591	151	
	6½	47.15	15.4	195†	98	
1867	9	26 47.29	61 12 39.6	679	85	
	9½	47.35	36.7	604	132	
1868	8	26 49.62	43 0 16.9	278	194	dpl. II. pr.
	8	49.65	15.1	279	262	
	8	49.69	17.0	211	3	
1869	9½	26 49.89	55 31 12.6	638	15	
1870	8½	26 49.93	49 54 46.4	594	203	
	8½	50.07	48.5	644	5	
1871	9	26 50.24	60 3 24.4	624	110	
	9	50.32	27.8	624	113	
	9	50.64	26.6	285	99	
1872	7½	26 50.76	71 17 35.5	185†	22	
	7½	50.92	38.8	583	28	
1873	7	26 50.82	56 49 11.9	239	60	
1874	8½	26 50.86	51 27 21.1	597	176	
1875	4	26 51.53	31 9 57.0	673	124	
	4	51.56	56.9	223	142	
	4	51.64	58.4	659	6	
1876	9½	26 52.22	57 49 20.0	621	155	
1877	9	26 52.57	69 21 12.0	642	4	
1878	8½	26 54.90	50 15 5.3	594	205	
	8½	55.03	5.1	635	61	
1879	9	26 58.48	34 9 23.0	254	67	
	9½	58.51	23.5	680	100	
1880	9	26 58.60	43 37 7.0	211	5	
1881	9	26 59.53	64 6 51.7	646	28	dpl. IV.
1882	9	26 59.96	56 59 12.1	239	59	
1883	8	27 2.29	44 4 45.8	279	265	
1884	10	27 2.32	42 58 18.9	278	196	
1885	9	27 3.14	59 54 3.7	624	115	
1886	9½	27 3.26	56 3 15.8	237	174	
	9½	3.34	16.0	237	173	
1887	9½	27 4.28	34 5 34.5	680	101	
	9½	4.41	34.1	254	66	
1888	8	27 4.34	43 2 53.3	279	263	
	8	4.36	55.1	278	195	
	8	4.37	54.0	211	4	
1889	9	27 4.97	49 6 6.4	219	183	
1890	9½	27 5.05	60 51 44.3	604	136	
1891	9½	27 6.42	45 18 21.7	217	190	
1892	9	27 6.57	61 7 38.8	604	133	
1893	8½	27 6.63	65 10 23.4	646	25	
1894	9	27 6.88	50 3 9.5	635	64	
	9	7.13	11.6	644	6	
1895	9	27 7.02	60 51 5.2	604	135	
1896	9	27 8.63	59 35 20.3	284	100	
1897	9	27 9.00	64 55 52.8	646	26	
1898	10	27 10.99	25 23 57.2	228	157	
1899	9½	27 11.32	29 59 23.8	684	9	
1900	8½	27 11.80	53 38 2.7	613	136	
1901	9½	27 11.99	37 10 14.9	281	68	
1902	9	27 12.20	54 57 25.0	638	11	
	9	12.24	24.3	234	196	
1903	9	27 12.76	62 57 23.2	250	34	
1904	9	27 13.56	61 45 10.4	679	87	
1905	9½	27 13.86	51 39 31.1	597	175	
1906	9	27 14.74	53 9 59.2	610	145	
	9½	14.74	59.7	610	149	
	9	14.78	60.5	613	137	
1907	8½	11 27 17.32	60 38 20.6	633	112	
1908	9½	11 27 17.92	50 15 43.6	635	62	
	9	18.11	47.2	594	206	
1909	9½	27 18.44	52 1 34.4	610	146	
1910	9½	27 19.03	59 39 3.5	624	112	
	9½	19.31	4.4	284	101	
1911	9½	27 20.09	25 7 24.7	228	158	
1912	8½	27 21.14	50 13 18.4	594	207	
	8	21.44	18.6	635	65	
1913	9	27 22.00	57 24 22.9	621	159	
1914	8	27 23.30	25 50 8.3	648	28	
	8	23.39	6.9	686	8	
1915	10	27 24.—	67 51 8.2	193†	65	
1916	9½	27 24.42	56 6 56.0	237	175	
1917	9	27 24.73	56 50 14.5	239	63	
1918	9½	27 25.80	43 16 48.1	279	264	
1919	9	27 26.44	57 56 37.9	621	157	
1920	9½	27 26.48	59 3 22.3	284	104	
	9½	26.55	20.3	677	137	
1921	10	27 29.59	66 17 58.1	195†	101	
	10	29.66	55.8	626	115	
1922	9	27 29.82	43 28 10.8	211	6	
1923	6	27 32.17	39 53 48.8	616	130	
1924	9½	27 34.06	63 3 42.1	250	33	
1925	8	27 35.37	29 57 53.4	684	10	
	8	35.40	52.7	292	14	
	8½	35.50	52.4	673	126	
	8½	35.53	51.8	213	162	
1926	9½	27 35.58	62 24 52.2	246	41	
1927	8½	27 35.73	30 23 53.8	292	15	
	9	35.90	52.0	213	161	
	9	35.95	51.4	673	125	
1928	8½	27 36.66	78 51 41.5	242	49	
1929	10	27 36.94	58 19 56.3	675	133	
1930	9	27 37.10	71 22 25.5	583	27	
	9	37.48	23.2	185†	23	
1931	8½	27 37.48	26 7 31.9	648	29	
	8½	37.56	31.6	686	9	
1932	9½	27 38.06	70 13 22.6	190†	54	
1933	9	27 38.19	50 9 18.3	594	208	
	9	38.36	15.4	635	63	
1934	9	27 39.65	60 4 40.8	624	114	
	9	39.81	41.3	285	101	
1935	8½	27 39.97	38 12 28.0	281	70	
1936	9½	27 41.22	60 31 45.8	633	113	
1937	9	27 43.11	54 27 13.7	234	197	
	9	43.18	14.0	234	198	
	9	43.27	16.1	638	16	
1938	9	27 43.17	46 12 55.1	257	1	
1939	9	27 43.45	32 6 22.8	659	8	
	9½	43.53	19.6	223	143	
	9	43.60	21.7	680	103	
1940	8	27 44.80	66 21 47.6	626	114	
	8	45.35	48.4	195†	100	
1941	8½	27 45.65	40 35 45.6	616	132	
1942	9½	27 45.78	59 3 10.5	284	105	
1943	10	27 45.82	52 40 50.3	610	148	
1944	9	27 45.92	31 13 21.5	292	16	
	9	46.14	19.5	659	7	
1945	9	27 47.19	40 53 25.6	278	197	
1946	9	27 47.84	68 8 53.4	628	42	
	9½	47.88	53.8	193†	62	
1947	9	27 48.95	36 56 49.1	631	93	
1948	8½	27 49.02	56 57 16.1	239	62	
1949	8	27 50.99	49 44 31.7	635	66	
	8	51.09	35.0	644	7	
1950	9	27 51.19	40 17 36.3	616	131	
1951	10	27 52.85	45 15 34.2	217	191	
1952	8½	27 54.72	52 38 45.6	610	147	
1953	9½	11 27 55.12	62 16 9.5	246	40	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
1954	9½	11 27 57.26	51 53 20.4	597	177
1955	9	27 59.23	33 11 42.2	223	145
	9	59.28	45.1	680	102
	9	59.29	44.6	254	68
1956	9½	27 59.68	46 16 20.7	257	3
1957	9½	27 59.83	35 17 49.8	631	95
1958	8½	28 0.03	48 7 26.8	219	185
1959	7	28 0.23	69 30 14.9	642	6
	7	0.39	18.2	190†	56
1960	10	28 0.59	65 34 20.0	626	116
1961	9½	28 1.11	24 57 41.7	226	148
1962	9	28 1.47	37 13 37.1	281	69
1963	9	28 1.58	58 0 2.4	621	158
1964	8½	28 1.67	60 11 43.4	624	116
	8½	1.74	42.0	633	116
	8½	1.93	42.2	285	102
1965	9	28 1.89	53 21 47.8	610	150
	9	1.90	48.2	613	138
1966	9½	28 2.20	29 49 43.0	213	163
	9½	2.25	46.2	684	11
	9½	2.38	43.8	673	127
1967	7½	28 7.11	39 14 58.9	616	134
1968	9½	28 7.11	46 16 30.6	217	195
	9	7.45	32.7	257	4
1969	9	28 7.38	69 53 38.8	190†	55
	9	7.54	39.7	642	7
	9	7.65	38.4	642	5
1970	9	28 9.20	58 25 56.5	675	134
	9	9.33	56.4	289	77
1971	7½	28 9.88	40 27 47.5	616	133
1972	9½	28 10.30	29 55 1.5	684	12
	10	10.34	0.8	213	164
	9½	10.41	3.0	673	123
1973	8½	28 10.89	48 2 52.0	219	186
1974	9	28 11.37	58 52 11.6	284	107
	9	11.50	10.9	677	138
1975	8½	28 12.15	27 29 3.1	686	11
	8½	12.37	1.9	231	152
1976	8½	28 12.28	49 21 9.6	635	67
1977	7½	28 12.64	35 30 47.3	631	94
1978	9	28 13.58	50 31 33.8	644	8
1979	9½	28 13.91	24 37 26.3	648	30
1980	10	28 14.53	58 51 56.2	677	139
1981	8	28 14.66	48 16 38.5	219	184
1982	8½	28 16.24	33 31 27.9	254	69
1983	8	28 18.93	58 59 27.1	284	106
	8	19.07	26.6	677	140
1984	8½	28 19.09	53 51 51.1	613	139
1985	8	28 19.18	27 35 47.0	686	10
	8	19.22	47.3	231	153
1986	9	28 19.55	46 16 46.6	217	194
	8½	19.58	48.3	257	2
1987	9½	28 20.99	65 26 53.7	626	117
1988	8½	28 22.26	27 41 20.8	231	154
	8½	22.31	22.4	686	12
1989	9½	28 23.06	56 59 18.4	239	65
1990	9	28 23.68	34 28 41.2	254	70
1991	9½	28 24.19	34 33 16.9	254	71
1992	8	28 24.26	38 6 11.4	281	71
1993	6½	28 25.04	32 10 7.0	659	9
	6½	25.25	9.2	223	144
	6½	25.30	7.9	680	104
1994	9	28 26.46	41 57 32.9	278	198
1995	8	28 28.88	56 56 8.8	239	64
1996	9	28 29.10	68 23 9.1	628	43
1997	9½	28 30.83	78 47 5.0	242	50
1998	9½	28 31.57	74 50 39.7	640	7
1999	9½	28 32.00	50 43 9.8	594	210
2000	8	11 28 33.48	64 43 7.3	646	29
2001	9½	11 28 36.15	45 14 1.8	217	192
2002	7½	28 36.31	27 43 10.4	686	13
	7½	36.31	9.6	231	155
2003	9½	28 37.49	35 10 8.8	631	96
2004	9	28 37.51	22 52 42.5	226	149
2005	8	28 37.55	31 45 13.6	659	10
2006	9½	28 38.91	31 14 36.4	223	146
2007	8½	28 39.19	57 25 1.9	621	161
2008	9½	28 40.58	50 43 49.0	594	209
2009	9½	28 43.12	58 27 47.1	289	78
	9	43.30	48.6	289	80
2010	8	28 45.78	56 27 42.8	239	66
2011	9	28 47.87	53 57 57.2	613	141
2012	10	28 48.32	24 53 12.3	648	31
2013	9	28 48.33	32 48 53.8	680	105
2014	9½	28 49.14	51 35 19.7	597	178
2015	8½	28 49.76	45 45 44.7	217	193
2016	8	28 49.90	29 20 27.4	213	166
	7½	49.90	26.8	292	18
	7½	50.00	29.2	684	13
2017	9	28 50.28	63 15 50.0	250	35
2018	5	28 50.40	53 34 25.2	613	140
	5	50.62	25.6	610	151
2019	7½	28 51.45	30 2 2.2	292	17
	7	51.51	0.7	659	11
	7½	51.55	3.3	684	14
	7½	51.58	1.9	213	165
	7½	51.61	0.4	673	129
2020	9	28 51.83	69 10 22.9	642	8
2021	9	28 52.13	38 23 44.1	281	72
2022	9	28 53.07	57 34 37.9	621	162
	9	53.09	36.7	621	160
	9	53.10	37.8	239	67
	9	53.12	39.5	621	164
2023	9	28 54.09	51 46 11.3	597	179
2024	9	28 56.32	27 37 27.6	231	156
2025	8½	28 56.40	58 16 24.6	675	136
2026	9	28 57.13	46 25 17.4	257	5
	9½	57.13	18.8	217	196
2027	6	28 58.23	48 27 6.2	219	187
2028	9½	28 58.58	60 13 50.8	633	117
2029	9	28 59.02	58 27 1.0	675	135
	9	59.09	2.6	675	137
	9	59.15	4.9	289	79
	9	59.24	3.4	289	81
2030	9	29 1.96	42 19 28.0	278	199
2031	9½	29 2.03	51 41 30.3	597	180
2032	8	29 3.15	60 5 42.3	633	119
	8	3.23	40.1	624	117
	8	3.51	40.8	285	103
2033	8½	29 3.53	67 54 27.6	193†	64
	9	3.75	29.5	628	44
2034	7	29 4.82	34 55 14.9	254	72
	7	4.91	15.0	631	97
2035	7½	29 9.08	55 25 51.5	237	177
	7½	9.39	49.9	638	17
2036	6½	29 12.00	46 40 52.8	257	7
	6	12.05	52.0	217	198
2037	9½	29 12.26	42 19 19.5	278	200
2038	9½	29 12.32	60 15 14.0	633	118
	9½	12.51	16.2	633	121
2039	8½	29 12.92	55 20 29.3	237	176
	8½	13.12	29.1	638	18
2040	8½	29 14.90	38 6 41.7	281	73
2041	8½	29 16.16	79 33 34.4	242	51
2042	10	29 17.10	62 23 47.4	246	43
2043	8½	11 29 19.13	44 43 13.0	211	7
	9	19.19	13.6	279	268
	8½	19.31	14.0	279	266

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2044	9	11 29 19.45	50 8 11.8	594	211	
	9	19.58	11.7	644	9	
2045	9	29 20.35	54 25 21.0	234	199	
2046	8½	29 21.82	67 45 38.7	193†	66	
	8½	22.20	39.3	628	45	
2047	10	29 21.88	61 0 41.5	604	137	
2048	9	29 25.37	61 56 24.7	679	88	
2049	8	29 27.84	50 36 11.9	594	213	
	8	27.85	9.8	635	68	
	8	28.10	12.6	644	12	
2050	7½	29 28.26	60 12 10.5	624	119	
	7½	28.29	8.3	633	120	
	7½	28.64	7.9	285	104	
2051	9	29 29.05	43 31 40.4	279	267	
2052	9	29 30.83	37 28 54.6	281	74	
2053	9	29 31.51	25 17 54.2	228	159	
	9	31.62	54.9	648	32	
2054	9½	29 33.08	59 31 38.3	284	108	
2055	9½	29 34.21	54 58 0.9	638	19	
2056	8	29 34.82	46 28 35.1	217	197	
	8	34.91	35.3	257	6	
2057	8½	29 35.22	26 27 18.7	686	14	
2058	9	29 36.35	29 6 43.0	292	19	
	9½	36.48	43.3	231	157	
	9	36.52	47.2	684	15	
2059	9½	29 36.69	60 19 39.5	285	106	
2060	9	29 38.07	51 46 45.2	597	181	
2061	8	29 38.29	34 5 43.3	680	107	
2062	7½	29 38.43	50 1 55.8	635	70	
	7½	38.43	53.8	594	212	
	8	38.48	55.1	644	10	
2063	10	29 39.25	66 14 13.1	626	118	s.pr.
2064	9	29 39.43	62 45 37.5	246	47	
	9	39.49	35.8	250	37	
2065	9½	29 42.41	59 31 22.7	284	109	
2066	9	29 42.48	33 59 32.8	680	106	
2067	9	29 42.77	30 20 16.7	659	12	
2068	10	29 43.21	66 14 9.2	626	119	n.sq.
2069	9	29 43.70	57 32 11.9	621	163	
	8½	43.81	13.3	239	68	
2070	9½	29 44.47	59 33 3.4	284	110	
2071	8½	29 44.83	60 3 20.2	624	118	
	8½	45.16	18.3	285	105	
2072	10	29 45.32	40 50 1.2	616	135	
2073	9½	29 45.74	50 34 20.1	635	69	
2074	9	29 47.77	36 19 55.2	631	99	
2075	8½	29 49.51	52 16 23.9	597	182	
	8	49.70	24.0	610	152	
2076	9	29 51.84	36 27 30.3	631	98	
2077	6	29 52.30	46 56 53.4	257	8	
	5½	52.32	53.0	217	199	
2078	7½	29 54.01	60 35 47.3	604	138	
	7	54.35	49.6	633	125	
2079	9	29 54.75	62 13 20.3	246	42	
2080	9	29 55.93	28 29 10.8	684	16	
2081	8½	29 57.07	60 53 11.6	604	139	red
2082	9½	29 57.64	67 14 28.6	628	46	
	9½	57.88	25.1	195†	102	
2083	9	29 57.94	40 50 27.9	616	136	
2084	9	29 58.48	74 41 1.2	640	8	
	9	58.83	2.1	583	30	
2085	8	29 58.51	50 3 4.6	594	214	
	7½	58.76	3.9	635	71	
	7½	58.84	4.7	644	11	
2086	9	29 58.83	62 46 32.4	246	46	
	9	59.12	30.3	250	36	
2087	9	29 59.28	60 52 9.3	604	142	
2088	3½	30 1.39	62 19 41.9	246	44	
2089	7½	30 2.29	36 22 2.9	631	100	
2090	9	11 30 2.45	25 3 31.1	228	160	
2091	8½	11 30 2.79	44 50 53.3	279	269	
2092	8	30 4.16	47 32 16.0	219	189	
2093	9½	30 4.89	47 0 59.4	217	200	
	9	5.17	59.6	257	9	
2094	8½	30 7.21	42 50 1.2	278	201	
2095	8½	30 8.49	26 3 59.6	648	33	
	8	8.57	60.1	686	15	
2096	9	30 9.20	22 56 45.6	226	150	
2097	9	30 11.02	61 53 61.1	679	92	
	9	11.25	59.7	679	89	
2098	9	30 11.87	53 6 26.2	613	142	
2099	9½	30 12.54	55 8 44.4	237	178	
2100	8½	30 14.81	69 30 54.1	190†	57	
	9	14.86	53.9	642	9	
2101	10	30 16.27	26 22 50.1	686	16	
2102	9	30 16.40	60 54 3.0	604	141	
2103	8½	30 16.40	57 24 24.4	239	69	
	9	16.42	23.0	621	165	
2104	9	30 18.30	65 23 58.0	195†	103	
	9	18.37	58.9	626	123	
2105	9	30 21.12	68 42 4.0	193†	67	
2106	8½	30 21.15	38 51 11.3	281	75	
2107	9	30 21.36	31 19 19.1	659	13	
	9	21.41	18.6	223	148	
2108	9	30 21.54	72 6 24.8	583	32	
	9	22.31	22.2	185†	26	
2109	8½	30 21.65	59 19 18.1	284	112	
2110	6½	30 23.11	32 52 38.4	260	1	dpl.I. n.sq.
2111	9	30 23.74	41 14 46.0	278	202	
2112	9	30 23.95	54 49 3.4	638	23	
2113	8½	30 24.21	53 33 40.7	613	143	
2114	9½	30 25.41	62 35 30.3	246	45	
2115	8½	30 25.56	49 14 31.6	219	188	
2116	9	30 27.16	29 8 16.0	292	20	
	9	27.18	14.8	301	1	
	9	27.40	14.4	231	158	
2117	8½	30 27.45	55 2 55.2	638	21	
2118	7	30 27.47	72 9 8.2	583	31	
	7	27.54	6.0	185†	27	
2119	8½	30 28.22	40 46 33.2	616	137	
2120	8½	30 28.35	32 14 5.4	260	2	
2121	7½	30 28.75	33 57 30.8	680	108	
2122	9	30 29.68	50 14 36.4	594	216	
2123	9	30 29.99	39 49 51.0	616	138	
2124	9½	30 30.12	61 47 21.1	679	93	
2125	7½	30 30.70	23 44 46.3	226	151	
2126	6½	30 31.49	36 32 42.5	631	102	
2127	8½	30 32.57	58 44 21.1	677	142	
	8	32.76	23.1	289	82	
2128	9	30 32.73	60 57 36.3	604	144	
2129	6½	30 32.91	60 21 39.3	633	123	
	6½	33.23	37.2	285	108	
2130	9½	30 34.52	61 54 4.2	679	91	
2131	9½	30 35.42	59 4 34.0	284	111	
	10	35.46	33.6	677	141	
	9½	35.51	35.6	284	114	
2132	9½	30 36.56	66 7 37.9	626	120	
2133	8½	30 36.97	60 37 40.0	633	126	
2134	9½	30 37.57	60 25 52.0	285	107	
2135	8½	30 38.12	36 20 48.2	631	101	
2136	8	30 39.66	60 58 25.4	604	143	
2137	9½	30 40.12	58 13 32.2	675	141	
	9½	40.18	30.1	621	166	
2138	9½	30 42.08	31 3 45.1	213	167	
	9	42.26	45.4	659	14	
	9	42.37	42.3	223	147	
2139	9	30 42.88	60 52 55.7	604	140	
2140	8	11 30 44.07	60 12 8.2	624	120	
	8	44.35	8.9	285	109	
	8	44.47	8.2	633	122	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2141	9	11 30 44.09	54 27 37.4	613	145	
2142	9½	30 44.12	25 29 6.1	228	161	
2143	9	30 44.42	55 26 59.8	638	20	
2144	8½	30 44.99	31 47 14.8	223	149	
	8½	45.06	15.6	659	15	
2145	9½	30 45.34	33 49 32.0	680	109	
2146	9	30 45.75	61 55 49.7	679	90	
2147	9	30 45.90	28 7 58.1	684	17	
2148	8½	30 46.39	60 55 6.6	604	145	red
2149	6½	30 49.21	32 17 37.0	223	150	
	6½	49.25	36.8	223	151	
	7	49.35	38.5	260	3	
	6½	49.61	37.3	680	110	
2150	7	30 49.25	38 16 1.0	281	77	
2151	9½	30 50.81	25 37 7.3	228	162	
	9½	50.93	7.4	648	34	
2152	9	30 54.33	56 59 25.7	239	70	
2153	8½	30 54.85	34 53 36.3	254	73	
2154	7½	30 55.01	38 18 8.8	281	78	
2155	8½	30 55.15	68 7 1.6	628	47	
2156	8½	30 55.57	70 18 15.4	190†	58	
	8	55.78	15.7	642	10	
2157	9	30 55.69	58 16 18.3	675	140	
	9	55.76	20.0	621	167	
2158	9	30 56.24	50 34 17.0	594	217	
	9	56.46	15.8	644	13	
2159	9½	30 56.38	58 47 59.2	289	84	
2160	9½	30 56.44	58 40 3.6	677	143	
	9½	56.59	2.8	675	138	
	9	56.69	1.3	289	83	
2161	8½	30 58.14	60 27 13.9	633	124	
	8½	58.17	12.3	633	129	
2162	9	30 58.31	51 16 39.9	597	183	
	9	58.41	40.4	644	14	
2163	10	30 58.57	65 30 19.5	195†	104	
	9½	58.69	22.2	626	121	
2164	8½	30 58.89	50 13 57.4	594	215	
2165	8	30 59.08	38 46 26.7	281	76	
2166	9½	30 59.44	45 12 37.6	211	8	
	9½	59.46	40.3	279	272	
2167	9	30 59.76	52 31 5.9	610	154	
2168	9½	31 0.38	44 49 11.5	279	270	
2169	9½	31 0.44	63 41 58.5	250	39	
2170	9	31 1.03	59 12 41.0	284	113	
	9	1.25	40.0	284	115	
2171	8½	31 1.16	27 18 27.0	301	3	
	9	1.36	27.8	686	17	
2172	8½	31 1.62	47 41 13.8	219	190	
2173	9	31 2.91	28 20 60.3	301	2	
	9½	3.02	57.7	231	159	
2174	9	31 4.10	47 37 26.5	219	191	
2175	8½	31 6.26	34 22 45.9	254	74	
2176	9	31 6.52	66 56 30.8	628	52	
2177	9½	31 6.53	54 38 49.2	613	144	
	9½	6.78	51.6	638	24	
2178	9½	31 6.63	45 11 47.0	279	271	
	9½	6.83	47.4	211	9	
2179	8	31 6.69	60 29 28.0	633	128	
2180	9	31 6.78	68 33 33.1	628	49	
2181	9	31 7.27	46 41 57.8	217	201	
2182	8½	31 9.06	40 48 22.6	278	203	
	8½	9.18	23.1	616	139	
2183	10	31 9.44	65 31 28.2	626	122	
2184	9	31 9.51	62 42 20.7	250	38	
	9	9.64	22.6	246	50	
2185	9	31 10.36	58 8 39.9	621	168	
	9½	10.55	35.8	675	139	
2186	9½	11 31 10.61	25 46 59.2	228	163	
	9½	10.71	58.6	648	35	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2187	9½	11 31 12.59	54 54 16.5	638	22	
2188	9	31 13.82	53 17 27.2	613	146	
2189	6	31 14.16	60 35 30.2	633	127	
2190	9	31 14.17	27 58 27.7	231	160	
2191	9	31 14.79	68 15 24.0	628	48	
2192	8	31 15.74	61 47 37.2	679	94	
2193	8	31 16.58	72 39 42.1	185†	28	
	8	16.62	42.5	583	33	
2194	8½	31 16.78	46 23 57.0	257	11	
	9	16.83	55.6	217	204	
2195	7½	31 19.08	36 2 10.9	631	104	
2196	9	31 20.59	68 20 34.1	628	50	
2197	9½	31 20.84	69 1 9.6	193†	68	
	9½	20.88	9.5	190†	61	
	9½	20.90	12.5	642	14	
2198	8½	31 21.01	77 18 54.2	242	55	
2199	9½	31 21.33	51 0 9.2	597	184	
2200	9	31 22.86	57 49 21.0	621	170	
2201	9½	31 23.30	41 43 9.9	278	205	
2202	7½	31 23.39	38 39 58.3	281	79	
2203	9½	31 25.36	41 12 33.1	278	204	
2204	9	31 25.51	46 14 55.1	217	205	
	9	25.65	53.1	257	13	
2205	8½	31 28.35	46 36 42.7	217	202	
2206	8	31 29.10	60 2 8.5	624	121	
	8	29.42	8.8	285	110	
2207	9	31 29.35	28 9 33.1	684	18	
2208	6	31 30.91	47 3 20.5	217	203	
	6	30.95	21.2	219	192	
2209	9½	31 32.32	68 55 22.5	193†	69	
	9	32.40	26.7	642	13	
	9½	32.70	22.5	190†	60	
2210	9½	31 32.55	64 21 32.2	646	30	
2211	8½	31 32.89	46 1 8.0	257	10	
2212	9	31 33.10	66 43 11.3	626	126	
2213	9½	31 33.17	54 44 34.7	638	25	
2214	7	31 33.98	30 31 28.6	292	21	
	7	34.19	28.6	213	168	
	7	34.23	29.3	659	16	
2215	9½	31 36.18	65 13 46.3	646	32	
2216	9	31 37.23	52 40 33.9	610	155	
2217	9	31 38.10	50 36 25.8	594	218	
2218	9	31 39.08	66 12 21.0	195†	105	
	8½	39.20	24.0	626	124	
2219	9½	31 39.27	51 24 32.0	597	185	
	8½	39.67	30.9	644	15	
2220	9	31 40.15	64 47 24.6	646	31	
2221	9	31 40.17	73 20 45.2	640	9	
	9	40.24	43.8	185†	29	
2222	9	31 40.24	66 53 5.1	195†	108	
	9	40.35	9.2	628	53	
2223	7	31 40.73	68 58 53.5	193†	70	
	7	40.79	55.1	190†	59	
	7	40.95	55.3	642	11	
2224	8½	31 41.03	62 59 27.8	250	40	
2225	7½	31 41.34	27 33 52.4	301	4	
	7½	41.40	52.6	686	18	
	7½	41.45	52.9	231	161	
2226	9½	31 41.37	76 0 0.8	242	54	
2227	9	31 41.55	79 38 38.7	242	52	
2228	7½	31 41.89	59 40 22.0	284	116	
	7½	42.04	22.1	285	113	
	7½	42.15	21.1	624	122	
2229	8	31 41.95	60 47 37.3	604	147	
2230	8½	31 42.00	35 52 26.2	631	103	
2231	9½	31 42.14	30 31 1.4	659	17	
2232	7½	11 31 43.86	60 12 39.7	624	123	
	7½	43.95	39.4	285	111	
	7	43.99	39.9	633	130	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
2233	9	11 31 44.09	62 39 22.4	246	49
2234	10	31 45.37	58 49 45.3	289	85
2235	7½	31 46.74	60 17 28.4	633	131
	8	46.91	27.2	285	112
2236	9	31 48.31	24 6 14.2	648	36
2237	8½	31 49.27	52 11 46.1	597	187
	8½	49.58	45.1	610	153
2238	9½	31 49.52	45 2 15.7	279	273
	9½	49.67	15.4	211	10
2239	9½	31 49.59	26 38 26.1	228	164
2240	8½	31 51.65	36 59 1.9	281	80
2241	9	31 52.34	46 8 25.7	257	12
2242	9	31 55.37	33 51 8.0	680	111
2243	9	31 55.89	40 21 37.7	616	140
2244	9	31 56.12	36 7 11.1	631	105
	9	56.16	10.1	631	107
2245	8	31 58.47	61 46 34.5	679	95
2246	9	31 58.52	57 57 39.4	621	169
2247	7½	31 58.60	27 35 51.6	686	19
	7½	58.61	53.0	301	5
	7½	58.75	51.4	231	162
2248	9	31 59.20	44 26 48.1	211	13
2249	9½	32 0.14	59 45 19.1	284	117
2250	7½	32 0.42	62 37 50.4	246	48
	7½	0.43	52.9	250	43
2251	9	32 2.28	24 53 52.8	682	1
	9	2.38	53.5	648	37
	9	2.56	52.5	226	152
2252	9½	32 3.52	24 55 34.8	226	153
	9	3.69	37.4	648	38
	9	3.70	37.4	682	2
2253	8½	32 3.68	54 0 37.1	613	147
2254	8½	32 5.80	52 2 41.1	597	188
	8½	6.02	40.5	644	16
	8½	6.12	43.0	644	19
2255	7½	32 5.75	45 3 25.4	211	11
	7½	5.78	22.9	279	274
	8	5.82	26.1	217	206
2256	6½	32 7.16	75 12 15.3	185†	30
	6½	7.51	14.2	640	10
	6	7.51	15.8	242	53
	6	7.65	16.7	583	35
2257	9	32 7.92	25 36 5.4	228	165
	9	8.10	7.2	648	39
2258	9	32 8.07	57 55 37.9	621	171
2259	9	32 8.50	35 58 17.8	631	106
2260	7½	32 9.04	32 54 47.9	223	152
	7½	9.09	50.6	260	4
	7	9.20	48.4	254	75
	7½	9.28	48.0	223	153
2261	9	32 9.23	56 28 8.9	239	71
2262	7	32 9.41	66 55 39.2	626	125
	6½	9.64	39.1	195†	107
	7	9.80	37.7	628	51
2263	8½	32 10.41	50 52 47.3	594	219
2264	9½	32 11.52	54 37 2.6	638	26
2265	9	32 12.64	61 38 8.2	679	96
2266	9½	32 12.82	58 19 10.1	675	143
2267	8½	32 13.11	37 47 6.3	281	81
2268	9	32 14.76	29 35 57.6	292	22
	9½	14.96	58.0	684	19
2269	9½	32 15.51	43 43 8.9	279	275
2270	8½	32 16.69	56 22 34.2	239	72
2271	9	32 16.94	51 31 34.4	597	186
2272	6	32 17.61	61 8 4.7	679	97
	6	17.64	3.7	604	146
2273	8½	32 18.76	33 31 60.6	254	76
	9	18.82	58.4	680	112
2274	8	32 19.16	64 57 50.5	646	33
2275	9	11 32 19.27	49 29 43.2	644	18
2276	9½	11 32 19.91	41 45 6.2	278	207
	9	20.13	4.0	278	206
2277	8	32 21.08	62 30 16.1	246	53
2278	9	32 22.34	49 30 27.7	644	17
2279	9	32 23.14	40 26 28.4	616	141
2280	9	32 23.43	62 41 53.6	246	51
	8½	23.63	53.9	250	41
2281	8½	32 24.59	47 44 38.4	219	195
2282	9	32 24.66	77 17 21.2	242	57
2283	9½	32 25.62	43 39 44.0	279	276
2284	9½	32 27.58	45 49 49.5	257	14
2285	10	32 27.73	68 59 39.8	193†	71
	9½	27.81	38.2	642	12
2286	9	32 27.77	40 9 53.0	616	142
2287	8	32 28.37	59 57 39.9	624	125
	8	28.53	42.1	285	114
2288	9½	32 28.54	59 54 45.9	624	126
	9	28.82	45.4	285	115
2289	9½	32 28.75	59 56 6.0	624	124
	9½	29.03	7.4	285	116
2290	9	32 30.20	58 16 3.9	675	142
	9½	30.31	6.2	621	172
2291	7½	32 30.75	38 33 17.6	281	82
2292	7½	32 31.34	62 40 48.8	246	52
	7	31.43	50.7	250	42
2293	8½	32 31.35	47 16 17.9	219	193
2294	8½	32 32.49	58 50 20.8	677	144
	8½	32.79	22.0	289	86
2295	9½	32 32.74	59 32 38.5	284	118
2296	7½	32 33.02	50 34 20.9	594	221
2297	9	32 33.33	27 43 29.4	231	163
	9	33.36	29.4	301	6
2298	8½	32 33.56	62 30 29.9	246	54
2299	9	32 34.19	50 31 16.9	594	220
2300	9½	32 36.71	27 59 14.2	684	20
	9½	36.91	13.2	686	20
2301	9	32 37.94	51 41 24.4	597	189
	8½	38.20	26.3	644	21
2302	7½	32 38.27	39 36 36.8	616	143
2303	9	32 40.73	54 18 11.2	613	148
	9	40.80	11.7	638	27
2304	9½	32 43.19	33 33 41.6	680	113
	9	43.43	41.3	254	77
2305	7½	32 43.58	47 9 29.8	219	194
2306	6½	32 43.85	24 1 14.1	226	154
	6½	44.00	14.8	264	1
	6½	44.01	14.6	682	3
	6½	44.02	15.6	648	41
2307	9	32 44.71	44 40 0.6	279	277
	9	44.76	0.9	211	12
2308	9	32 45.31	30 21 7.2	213	170
2309	9	32 45.77	38 38 2.4	281	83
2310	8	32 47.22	39 10 5.6	616	144
2311	9½	32 50.52	52 43 24.4	610	156
2312	9	32 50.67	30 11 8.0	659	18
	9	50.70	10.5	292	23
	9	50.75	8.3	213	169
2313	9½	32 50.75	66 17 30.4	626	127
	9½	51.29	27.9	195†	106
2314	9	32 52.08	47 45 30.1	219	196
2315	9	32 52.10	56 22 1.9	239	73
2316	9	32 53.09	63 49 41.1	646	34
2317	9	32 55.45	37 3 41.2	631	108
2318	9	32 57.96	78 33 0.0	242	58
2319	9	32 58.38	27 51 27.2	301	7
2320	9	32 58.44	60 12 9.9	633	132
	9	58.44	13.7	624	127
2321	9	32 59.17	30 21 6.8	292	24
	9	59.44	6.1	659	19
2322	9½	11 33 0.94	28 38 21.1	684	21

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2323	10	11 33 2.28	41 39 15.7	278	208	
2324	9	33 2.70	29 39 20.9	684	22	
2325	8½	33 3.12	26 9 7.4	228	166	
	8½	3.21	8.2	648	40	
	8	3.25	7.6	686	21	
2326	9½	33 4.71	59 11 55.0	284	119	
2327	7½	33 6.01	24 12 12.2	226	155	
	7½	6.17	13.5	682	4	
	7½	6.20	14.1	264	2	
	7½	6.25	17.2	648	42	
2328	7	33 8.10	71 40 29.1	583	34	
	7	8.22	29.8	185†	32	
2329	9	33 8.11	56 21 20.5	239	74	
2330	8½	33 10.12	30 30 55.6	292	25	
	9	10.29	53.2	213	171	
	9	10.40	52.6	659	20	
2331	9	33 10.29	51 12 14.5	597	190	
	8½	10.72	17.3	644	22	
2332	8	33 12.09	38 41 27.9	281	84	
2333	9	33 12.16	34 4 5.4	680	114	
2334	8	33 13.21	57 54 18.2	621	173	
2335	9	33 13.28	60 42 12.2	604	149	
2336	8½	33 13.49	62 44 14.7	246	55	
	8	13.56	14.5	250	44	
2337	8	33 14.34	57 2 48.2	239	75	dpl. III. n.
2338	8½	33 18.16	70 11 27.6	190†	64	
	8½	18.21	27.8	190†	62	
2339	7	33 18.55	61 43 45.9	679	98	
2340	9½	33 18.76	69 9 4.9	193†	72	
2341	7½	33 18.97	36 44 19.5	631	109	dpl. I. c
2342	9½	33 18.99	28 59 40.5	231	164	
2343	7½	33 20.25	50 43 55.0	594	222	
2344	9	33 21.02	29 47 30.0	684	24	
	9	21.06	25.4	213	172	
2345	8½	33 21.53	60 43 9.9	604	148	
2346	8½	33 22.83	47 47 18.3	219	197	
2347	9	33 22.97	62 49 41.3	246	57	
	9	23.07	39.5	250	47	
2348	9	33 23.98	68 13 28.0	193†	74	
	9	24.47	30.4	628	56	
2349	9	33 24.92	31 54 22.3	260	5	
	9	24.93	22.2	223	154	
	9	24.96	23.1	659	21	
2350	9	33 26.44	24 25 35.7	264	3	p
2351	9	33 29.02	58 40 29.3	675	144	
2352	9	33 29.82	60 14 59.8	633	135	
2353	8½	33 30.66	51 50 52.7	644	20	
2354	8½	33 31.99	50 59 35.5	597	191	
	8	32.34	37.5	644	23	
2355	7½	33 33.45	34 17 19.2	254	79	
2356	9½	33 33.69	66 57 7.8	628	54	
	9½	33.81	9.3	626	128	
2357	9	33 34.51	59 4 49.5	284	120	
	9	34.59	49.1	677	145	
	9	34.75	49.0	289	87	
2358	8½	33 34.91	60 28 16.0	633	134	
	8½	35.17	15.8	604	152	
2359	9	33 35.62	74 7 49.2	640	12	
2360	9	33 35.67	52 2 15.9	610	157	
2361	9	33 37.28	43 56 53.0	211	14	
2362	9	33 37.73	54 55 14.8	638	29	
2363	8½	33 38.93	54 18 13.7	638	28	
	8½	38.99	12.2	613	149	
2364	9	33 39.34	60 26 45.8	633	137	
2365	9½	33 39.51	53 14 50.1	613	151	
2366	8½	33 40.17	45 17 5.4	217	207	
	8	40.20	6.3	257	15	
2367	9	33 40.69	70 52 3.5	642	15	
2368	9	33 41.06	36 47 59.3	631	110	
2369	8	11 33 42.44	61 6 23.0	604	150	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2370	6	11 33 42.63	64 42 17.6	646	36	
2371	8	33 44.21	25 56 48.6	228	167	
	8	44.36	49.8	686	22	
	8½	44.39	51.2	648	43	
2372	7½	33 44.34	32 45 22.0	223	155	
	7½	44.43	20.9	260	6	
	7½	44.49	21.5	680	115	
2373	7½	33 46.38	45 6 28.9	257	16	
	7½	46.48	29.6	211	15	
	8	46.48	28.0	217	208	
	7½	46.65	27.6	279	278	
2374	8	33 47.04	29 47 13.0	213	173	
	8	47.10	14.4	292	26	
	8	47.23	13.2	684	23	
2375	9	33 49.48	36 12 20.7	631	112	
2376	9½	33 50.23	59 41 53.3	624	128	
2377	9	33 50.32	38 45 8.3	281	85	
2378	9½	33 50.84	55 1 40.7	638	30	
2379	9½	33 53.18	73 7 12.3	185†	31	
	9	53.25	13.3	640	11	
	9	53.32	13.0	583	36	
2380	9½	33 53.73	54 59 54.8	638	31	
2381	8½	33 54.10	28 38 40.3	301	9	
	9	54.10	40.6	231	165	
2382	8	33 54.39	71 52 3.6	583	37	
2383	8½	33 55.08	62 47 6.0	246	56	
	8½	55.21	6.5	250	46	
2384	9½	33 55.23	54 52 26.1	638	32	
2385	8	33 58.82	62 47 10.3	246	58	
	8	59.49	9.9	250	45	
2386	8½	33 59.49	64 0 32.1	646	38	
2387	5	34 0.61	34 3 5.8	254	78	
2388	7	34 1.78	27 48 11.2	231	166	
	7	1.83	11.3	301	8	
	7	1.84	12.7	686	23	
2389	9	34 2.43	53 25 10.9	613	150	
	9	2.56	12.7	610	160	
2390	8½	34 2.64	34 32 43.1	254	80	
2391	9	34 2.71	52 56 46.6	610	158	
2392	9	34 2.86	62 56 52.1	250	48	
2393	7½	34 3.34	38 27 9.7	281	86	
2394	8½	34 5.39	43 3 11.0	278	209	
	8½	5.54	8.3	279	279	
2395	9½	34 6.90	45 23 13.2	257	17	
2396	8½	34 8.46	48 26 38.3	219	199	
2397	7½	34 8.59	58 18 32.5	621	174	
	7½	8.61	31.1	675	145	
	7½	8.66	32.4	289	88	
2398	9	34 9.15	60 12 20.7	633	136	
2399	9	34 10.25	35 9 9.4	631	111	
2400	8	34 12.56	60 29 32.7	604	151	
	8	12.64	33.2	633	133	
2401	8½	34 14.43	49 33 55.7	219	201	
2402	8½	34 14.54	61 18 40.0	679	99	
2403	9	34 14.78	64 35 16.0	646	35	
2404	9	34 14.87	57 5 30.7	239	77	
2405	8	34 17.59	48 28 22.7	219	198	
2406	8½	34 21.88	50 48 44.2	644	25	
2407	9½	34 22.46	63 4 41.3	250	49	
2408	9	34 23.05	45 52 6.3	257	18	
	9	23.42	6.6	217	209	
2409	7½	34 23.28	61 44 22.0	679	100	
2410	9	34 23.85	42 27 43.9	278	210	dpl. III. n. pr.
2411	8½	34 24.12	29 26 43.5	292	27	
	9	24.15	44.1	684	25	
2412	8½	34 24.31	50 50 5.0	644	24	
2413	8½	34 28.99	49 30 14.0	219	202	
2414	9½	34 30.51	67 15 23.7	193†	76	
	9½	30.60	21.1	195†	109	
2415	9½	11 34 30.77	44 11 34.0	211	16	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2416	9½	11 34 31.26	57 39 49.8	621	175	
2417	9	34 32.03	32 45 29.9	223	156	
	8½	32.11	29.1	680	116	
	8½	32.21	28.4	260	7	
2418	9	34 33.31	59 59 29.7	285	117	
2419	8	34 33.40	61 30 19.8	679	103	
2420	8½	34 33.81	48 48 55.3	219	200	
2421	10	34 34.25	25 22 22.1	228	168	
2422	8½	34 34.47	51 11 33.3	644	26	
2423	9	34 36.55	26 7 51.7	228	170	
	9	36.63	53.4	648	45	
	8½	36.79	54.0	686	24	
2424	8	34 37.27	63 46 14.8	646	37	
2425	8½	34 37.94	59 47 2.2	624	129	
	8½	38.10	1.2	284	121	
	9	38.21	1.3	285	118	
2426	7½	34 39.96	68 58 40.2	190†	63	
	7	39.99	38.4	193†	73	
	7½	40.20	41.6	642	18	
	7½	40.22	40.1	628	55	
2427	9	34 40.11	59 43 27.2	624	130	
	9½	40.48	26.4	285	119	
2428	8½	34 40.24	56 59 24.5	239	76	
2429	9	34 40.49	26 6 59.6	228	171	
	8½	40.70	62.8	686	25	
	8½	40.74	61.2	648	44	
2430	6½	34 40.55	53 16 28.9	613	152	
	7	40.56	29.6	610	159	
2431	9½	34 42.59	74 9 47.5	640	13	
2432	9	34 43.53	42 2 35.5	278	211	
2433	7	34 43.79	61 52 31.1	679	101	dpl. I. c.
2434	9	34 44.67	57 24 41.0	621	176	
2435	9	34 45.01	25 32 43.2	228	169	
	8½	45.10	43.6	295	1	
	8½	45.16	43.6	648	46	
	8½	45.18	40.6	295	2	
2436	9½	34 45.34	28 28 40.3	684	28	
	9	45.45	38.2	231	168	
2437	9	34 47.48	33 14 1.4	680	117	
2438	9	34 50.62	68 31 20.1	628	57	
2439	8½	34 50.63	29 2 10.1	292	29	
2440	8½	34 51.72	28 10 33.5	684	26	
	8½	51.82	33.3	301	11	
2441	8	34 51.95	54 24 19.8	613	155	
	8	52.11	20.5	638	33	
2442	8½	34 53.11	29 35 22.5	292	28	
2443	7	34 54.16	60 17 15.6	633	139	
2444	9	34 54.57	33 52 21.3	680	119	
2445	8	34 55.10	40 11 30.1	616	146	
2446	9	34 55.82	23 39 38.0	226	156	
	9	55.88	36.9	682	5	
	8½	56.00	36.4	264	4	
2447	9½	34 56.02	70 52 32.8	190†	67	
	9½	56.14	37.0	583	39	
	9	56.40	32.6	642	16	
	9½	56.71	34.5	185†	33	
2448	6½	34 56.06	28 30 39.4	684	27	
	6½	56.20	40.1	231	167	
	6½	56.21	38.9	301	10	
2449	7	34 58.00	54 52 53.9	638	35	
2450	8	34 58.91	53 51 20.5	613	153	
2451	10	34 59.52	58 57 29.5	677	146	
2452	5½	34 59.85	61 23 49.7	679	104	
2453	9½	35 0.26	54 22 46.9	638	34	
	9½	0.54	45.9	613	154	
2454	9	35 0.97	37 5 53.1	631	113	
2455	8	35 1.69	43 43 12.9	211	17	
2456	9½	11 35 1.88	40 8 21.5	616	145	
2457	9	11 35 5.08	61 59 58.9	246	59	
	9	5.12	57.6	679	102	
2458	8½	35 5.50	59 55 13.8	624	131	
	9	5.62	13.2	285	120	
2459	8	35 5.71	33 48 23.4	254	82	
	9	5.77	23.3	680	118	
2460	9	35 6.69	46 12 2.6	257	19	
	9	7.03	3.5	257	21	
2461	8	35 7.40	49 30 3.6	219	204	
2462	8	35 7.63	60 13 47.6	633	138	
	8	7.99	47.3	285	121	
2463	7½	35 8.06	25 58 32.1	648	47	
	7½	8.14	32.2	228	172	
	7½	8.28	33.3	686	26	
2464	8½	35 8.96	56 54 37.3	239	78	
2465	7	35 10.02	34 54 36.3	254	81	
	7½	10.40	38.0	631	114	
2466	6	35 11.18	42 24 8.0	278	212	
2467	9	35 11.93	57 49 10.2	621	177	
2468	9	35 12.08	51 7 55.7	644	27	
2469	9	35 13.54	70 57 44.3	190†	66	
	8½	13.75	43.7	642	17	
	8½	13.94	46.5	583	38	
	8½	14.32	44.2	185†	34	
2470	8½	35 13.60	49 30 36.6	219	203	
2471	7	35 13.90	40 19 13.2	616	147	
2472	9	35 13.93	59 17 50.8	284	123	
2473	7½	35 15.35	60 26 48.0	633	140	
	7½	15.63	47.6	604	153	
2474	8½	35 17.99	52 15 43.7	610	161	
2475	10	35 18.54	62 41 45.0	246	61	
2476	9	35 20.94	36 6 4.4	631	116	
2477	9½	35 21.39	33 51 35.1	680	120	
	9	21.61	33.9	254	83	
2478	9½	35 25.15	56 1 46.0	638	36	
2479	9	35 26.10	59 15 54.4	284	122	
2480	9½	35 27.81	59 11 0.8	284	124	
2481	8½	35 28.00	70 28 23.9	190†	65	
2482	9	35 29.68	74 20 38.8	583	42	
	9	29.73	35.8	640	14	
2483	5½	35 29.75	31 48 17.8	659	22	
	6	29.78	16.2	223	158	
	6	29.91	16.5	260	9	
2484	9	35 30.88	59 3 35.6	677	147	
	9	31.12	37.4	284	125	
2485	8½	35 33.26	31 47 30.3	659	24	
	8½	33.44	27.8	223	157	
	8½	33.70	28.1	260	8	
2486	8½	35 34.58	62 4 13.4	679	105	
	9	34.63	12.5	246	60	
2487	9	35 35.86	60 18 7.1	633	141	
2488	9½	35 36.13	36 16 5.6	631	115	
2489	8½	35 37.31	31 51 43.1	680	121	
	9	37.39	43.9	659	23	
	9	37.47	42.4	223	159	
	9	37.67	40.7	260	10	
2490	7	35 40.66	23 41 31.4	226	157	
	7	40.75	31.5	264	5	
	7	40.89	29.8	682	6	
2491	9	35 41.76	39 52 42.3	616	148	
2492	8½	35 42.70	58 2 48.4	621	179	
2493	7½	35 44.82	38 35 20.6	281	87	
2494	9½	35 44.92	59 32 14.5	284	127	
2495	7½	35 45.14	63 8 10.3	250	51	
2496	8	35 46.27	43 24 36.7	211	18	
2497	8½	35 47.71	45 29 23.2	217	211	
2498	8½	35 47.77	56 52 21.0	239	79	
2499	9½	11 35 48.39	46 21 40.4	257	20	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
2500	9	11 35 49.20	57 53 31.0	621	178
2501	9½	35 49.67	51 54 37.9	644	30
2502	8½	35 51.33	44 57 21.1	217	212
2503	8	35 51.39	45 39 25.4	257	23
	8	51.46	23.5	217	210
2504	9	35 51.45	70 12 14.0	642	19
	9	51.69	15.2	642	21
2505	8	35 51.80	67 13 15.0	193†	75
	8½	51.82	16.2	628	60
	8½	52.03	11.5	195†	110
2506	9	35 52.19	56 57 46.1	239	80
	9	52.22	48.1	239	82
2507	8½	35 53.16	58 25 51.9	675	146
	8	53.56	53.1	289	89
2508	9½	35 53.93	58 4 47.0	621	180
2509	9	35 54.04	68 24 49.4	628	58
2510	8½	35 55.64	62 43 16.9	246	62
2511	7½	35 56.23	59 32 13.9	284	126
2512	8½	35 59.67	37 38 52.5	281	88
2513	9	36 1.31	51 48 18.2	644	28
2514	8	36 2.20	63 6 5.4	250	50
2515	8½	36 3.73	70 48 45.8	190†	68
	8	3.94	48.0	642	20
2516	9½	36 6.07	41 13 47.0	278	213
2517	9	36 6.65	68 32 39.3	628	59
2518	9	36 7.34	65 52 43.5	626	129
2519	8½	36 9.01	54 25 38.9	613	156
	8½	9.22	40.5	638	37
2520	8	36 10.74	48 51 6.3	652	2
2521	7	36 12.94	76 21 39.4	242	61
2522	9½	36 15.49	51 55 38.2	644	29
2523	9	36 16.06	58 33 56.3	675	147
	9	16.18	59.4	289	92
2524	9	36 16.26	53 50 28.4	613	157
2525	7½	36 16.77	56 52 17.3	239	81
2526	9	36 17.91	26 49 6.6	228	173
	9	18.08	5.0	231	169
	9	18.09	5.8	295	3
	8½	18.09	4.7	686	27
	8½	18.20	6.5	301	12
2527	8	36 18.74	28 56 39.7	292	30
	7½	18.98	37.9	231	170
	7½	19.00	38.6	301	13
	8	19.06	38.9	684	29
2528	8	36 20.77	35 17 58.3	631	117
2529	9	36 21.29	41 24 40.0	278	214
2530	7½	36 21.68	60 16 4.5	633	142
	7½	21.85	5.3	285	122
2531	9½	36 22.51	52 12 21.5	610	162
2532	9½	36 22.69	57 40 51.0	621	181
2533	8	36 23.53	49 8 40.6	219	207
2534	9½	36 24.70	39 43 54.6	616	149
2535	9½	36 25.64	67 8 49.7	628	61
	9½	25.73	48.5	626	130
2536	8½	36 26.38	74 25 27.3	640	15
	8½	26.57	26.1	185†	35
	8	26.57	26.2	583	41
2537	9	36 27.22	45 20 13.5	217	213
2538	10	36 28.05	45 52 20.1	257	24
	9½	28.09	18.3	257	22
2539	8	36 29.69	61 47 1.0	679	108
2540	9	36 30.22	67 19 1.0	193†	77
2541	10	36 30.52	45 48 44.8	257	25
2542	8	36 31.29	62 26 57.6	246	63
2543	9½	36 31.93	67 28 45.3	628	62
2544	9	36 32.99	59 59 9.6	624	132
	9	33.23	11.5	285	126
2545	9½	11 36 33.20	40 25 11.7	616	151
2546	9	11 36 33.66	26 9 48.9	228	174
	9	33.73	48.9	686	29
	9	33.82	47.5	648	48
2547	8½	36 33.70	49 36 55.6	219	205
	8½	33.81	58.7	652	1
2548	9½	36 34.00	27 10 18.6	295	4
2549	9	36 35.14	35 7 17.8	631	118
2550	8½	36 35.35	49 43 53.1	219	206
2551	10	36 38.45	58 53 38.2	289	90
	9½	38.81	36.9	677	149
2552	8	36 38.90	59 43 36.4	624	133
	8	39.25	37.5	284	130
	8	39.32	36.7	285	123
2553	9	36 39.40	36 54 29.5	281	90
2554	9	36 39.49	64 5 7.9	646	40
	8½	39.53	9.3	646	43
2555	9	36 39.61	67 42 20.0	628	63
	9	39.66	15.3	193†	78
2556	9	36 39.88	58 50 48.8	677	148
	9	40.24	49.1	289	91
2557	8	36 39.95	37 35 44.6	281	89
2558	10	36 39.99	39 50 21.1	616	150
2559	9½	36 40.19	63 20 6.7	250	52
	9	40.33	5.9	646	39
2560	8½	36 41.12	29 20 7.5	292	31
	9	41.18	8.0	684	30
2561	9½	36 41.80	62 32 7.9	246	64
2562	9	36 42.06	77 27 29.7	242	56
2563	9½	36 42.19	26 13 23.0	228	175
	9	42.22	20.8	648	49
	9½	42.32	22.6	686	28
2564	8½	36 43.74	34 36 45.3	254	85
2565	7	36 44.48	74 31 60.0	185†	36
	7	44.76	60.2	640	16
	7	45.03	58.0	583	40
2566	9	36 45.35	61 52 34.9	679	106
2567	9½	36 46.59	58 31 41.1	675	149
2568	9½	36 46.94	65 31 15.7	626	131
2569	9	36 47.20	58 33 40.8	675	148
2570	9	36 49.10	60 48 43.2	604	154
2571	9½	36 49.53	59 59 6.1	624	135
	9½	49.62	4.8	285	124
2572	8	36 49.91	38 51 4.4	281	91
2573	8½	36 49.96	44 14 57.9	211	19
2574	8½	36 53.15	61 52 18.5	679	107
2575	9	36 55.04	59 22 50.5	284	128
2576	8½	36 55.55	63 23 25.0	646	41
	8	55.65	25.3	250	53
2577	9½	36 59.06	73 10 8.7	640	17
2578	8	37 0.66	51 44 56.6	644	31
2579	9	37 1.00	59 57 34.9	624	134
	9	1.21	34.9	285	125
2580	9½	37 1.19	63 59 47.4	646	44
2581	8	37 2.48	38 44 49.4	281	92
2582	9	37 3.50	35 2 40.2	631	119
2583	8½	37 3.54	24 3 48.9	264	7
	9	3.65	46.8	226	158
	9	3.68	48.9	682	7
	8½	3.75	50.5	648	51
2584	8½	37 4.08	59 14 50.3	284	129
2585	9½	37 7.58	54 28 46.3	638	38
2586	9	37 7.67	67 48 51.5	193†	79
	9	7.99	52.6	628	64
2587	9	37 8.01	59 6 50.0	677	150
2588	8½	37 8.09	44 24 1.1	211	20
2589	9	37 9.89	69 9 16.4	642	22
2590	9	37 10.03	35 37 6.2	631	120
2591	9	11 37 10.81	35 41 28.0	631	121

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2592	9	11 37 13.38	56 57 25.2	239	83	
	9½	13.38	25.2	239	86	
2593	9½	37 13.57	68 16 23.5	193†	81	
2594	9	37 14.00	54 53 29.7	638	41	
2595	8½	37 14.00	40 50 59.2	616	152	
	8	14.15	58.8	278	215	
2596	8½	37 14.20	30 19 46.0	292	32	
2597	8½	37 15.13	33 11 28.2	254	84	
	8½	15.17	27.7	680	122	
	8½	15.22	25.5	260	11	
	8½	15.23	27.4	260	12	
2598	9	37 17.50	69 57 59.5	642	23	
2599	8½	37 18.05	64 41 8.3	646	45	
2600	8½	37 18.73	23 31 19.2	226	159	
	8½	18.87	20.8	682	8	
2601	8½	37 18.95	53 36 46.0	613	160	
2602	10	37 19.12	33 9 49.8	260	13	p
2603	8	37 20.88	44 18 2.8	211	21	
2604	9½	37 24.21	64 2 41.7	646	42	
2605	9½	37 26.17	51 41 1.0	644	35	
2606	9	37 26.81	24 58 12.0	648	50	
	9	26.85	12.7	264	6	
	9½	26.89	13.7	295	5	
	9	27.02	11.3	682	9	
2607	8½	37 27.44	65 33 48.8	626	132	
2608	7½	37 28.21	51 55 35.1	644	33	
	7½	28.28	33.6	610	164	
2609	8½	37 28.23	57 19 29.3	239	85	
2610	7½	37 28.58	71 45 5.4	185†	37	
2611	9	37 28.65	31 26 3.0	659	27	
2612	9½	37 28.72	54 27 3.9	638	39	
	9½	28.79	2.9	613	159	
2613	8½	37 30.95	28 59 6.5	292	33	
	8	31.02	7.3	301	14	
	7½	31.03	9.5	231	171	
	8	31.04	6.6	684	31	
2614	9	37 31.63	53 8 19.2	610	163	
	9	31.68	19.2	613	161	
2615	8½	37 31.76	54 30 7.7	613	158	
	8½	31.91	8.2	638	40	
2616	9½	37 32.54	60 13 33.7	633	143	
	9½	32.57	32.0	624	136	
2617	7½	37 33.24	38 13 25.2	281	93	
2618	6	37 33.94	61 47 43.0	679	109	
2619	9	37 34.13	47 13 51.0	652	3	
2620	9	37 34.86	59 26 20.9	284	133	
2621	9	37 36.20	34 33 13.8	254	86	
2622	9½	37 36.48	44 37 4.2	211	22	
2623	9	37 36.78	31 15 56.1	659	25	
2624	9½	37 38.50	60 17 50.5	633	145	
2625	6½	37 38.80	78 36 41.2	242	59	
2626	8½	37 40.23	51 47 30.5	644	32	
2627	9½	37 40.73	60 13 2.6	633	144	
2628	7	37 42.90	29 3 20.0	292	34	
	7	42.93	19.5	684	32	
	7	43.04	19.4	301	15	
	7	43.15	17.6	231	172	
2629	8½	37 43.30	48 24 23.5	219	208	
2630	9½	37 44.25	58 54 16.1	677	151	
	9	44.46	17.1	289	93	
2631	8½	37 44.81	61 50 19.9	679	110	
2632	8½	37 44.99	62 32 25.7	246	65	
2633	8½	37 45.35	31 18 32.1	659	26	
	9	45.36	37.5	260	14	
2634	9½	37 45.44	59 24 54.6	284	132	
2635	8½	37 46.47	26 11 22.7	686	30	
	9	46.56	20.1	228	176	
	8½	46.58	25.6	648	53	
2636	7	11 37 47.13	67 47 3.6	193†	80	
	7	47.61	6.9	628	65	
2637	9½	11 37 47.52	54 42 7.2	638	43	
2638	8½	37 47.62	35 36 17.8	631	122	
2639	8	37 47.94	44 33 16.2	211	23	
2640	8½	37 49.16	51 54 40.4	610	165	
	8½	49.37	38.7	644	34	
2641	9	37 49.21	61 49 13.9	679	113	n.pr.
2642	10	37 49.98	42 50 18.2	278	216	
2643	8½	37 51.54	61 49 16.0	679	112	s.sq.
2644	9	37 51.85	25 46 38.7	295	6	
	9	51.85	39.5	648	52	
2645	9	37 54.57	59 18 45.1	284	134	
2646	9	37 55.15	36 4 50.6	631	123	
2647	7	37 55.37	62 11 3.3	246	70	
2648	9	37 56.36	47 16 38.4	652	5	
2649	10	37 56.58	71 7 22.1	190†	69	
2650	9	37 57.72	54 41 48.7	638	42	
2651	8½	37 59.02	44 53 5.3	257	27	
	8	59.06	3.3	211	24	
2652	9	38 0.58	57 35 1.9	621	182	
	8½	0.59	2.1	239	84	
2653	8½	38 0.59	64 6 52.8	646	46	
2654	9	38 0.81	47 6 56.9	257	26	
	8½	1.00	58.9	652	4	
2655	9	38 1.03	62 41 9.1	250	54	
	9	1.16	9.6	246	69	
	9	1.16	9.3	246	66	
2656	9	38 1.52	61 50 40.9	679	111	
2657	9	38 1.56	33 46 24.1	680	123	
	9	1.60	22.6	254	87	
2658	9	38 1.76	29 17 20.3	684	33	
2659	8½	38 3.79	30 55 53.7	659	28	
	8½	3.94	55.3	260	15	
2660	8½	38 4.07	68 16 23.9	193†	82	
2661	8½	38 4.76	27 20 4.6	231	173	
	9	4.81	3.4	686	31	
	8½	4.88	3.7	301	16	
2662	8½	38 5.09	59 45 57.9	284	131	
	8½	5.13	58.8	624	137	
	8½	5.37	59.6	285	128	
2663	9	38 7.84	59 56 41.7	624	138	
	9	8.07	41.4	285	127	
2664	9	38 7.94	39 8 45.3	616	153	
2665	8	38 9.54	67 26 49.3	193†	83	
	8½	9.74	49.2	628	66	
2666	8	38 12.69	57 44 50.2	621	183	
2667	9½	38 12.93	75 59 52.4	242	62	
2668	9	38 15.34	47 59 57.2	652	6	
2669	9½	38 18.52	40 33 13.1	616	154	
2670	8½	38 18.64	61 52 9.9	679	115	
2671	9½	38 19.49	42 8 47.6	278	217	
2672	8	38 23.43	29 11 33.8	292	35	
	8	23.49	34.7	684	34	
2673	9½	38 26.26	60 47 38.3	604	155	
2674	9½	38 28.07	44 57 5.0	257	28	
2675	7½	38 29.74	48 26 59.2	219	209	
	7½	29.86	59.8	652	7	
2676	9	38 33.80	51 50 5.8	610	166	
2677	7	38 34.04	79 47 20.3	242	60	
2678	9	38 36.29	57 28 22.2	621	184	
2679	8	38 38.54	60 9 22.6	633	147	
	8	38.56	24.7	624	140	
	8	38.81	21.8	285	132	
2680	8½	38 38.88	35 42 57.8	631	124	
2681	9	38 40.80	66 36 39.4	626	133	
2682	7½	38 40.81	55 7 32.3	638	45	
2683	8½	38 40.87	59 42 26.0	284	137	
	8	40.89	25.3	624	139	
	8	41.06	24.3	285	129	
2684	9½	38 43.04	59 41 29.1	285	130	
2685	9	11 38 45.35	51 26 19.6	644	38	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2686	8½	11 38 45.47	58 39 31.2	675	151	
	8½	45.57	30.1	677	152	
	8½	45.69	30.8	289	94	
2687	8	38 45.50	57 34 13.2	239	88	
	9	45.52	13.8	621	185	
2688	8½	38 46.58	54 46 5.1	638	44	
2689	9	38 46.73	60 13 34.3	633	149	
	9½	46.80	32.6	633	146	
2690	8½	38 47.07	55 53 40.3	638	46	
2691	8	38 47.76	31 4 54.8	659	29	
	8	47.79	56.3	292	36	
	8½	47.91	56.9	260	16	
2692	9½	38 48.43	58 21 24.9	675	150	
2693	8	38 48.91	58 0 24.9	621	186	
2694	8½	38 48.95	37 39 0.3	281	94	
2695	8	38 50.32	50 52 35.5	644	36	
2696	9½	38 51.30	40 52 45.4	616	155	
2697	9	38 51.76	61 47 14.0	679	117	
	9½	51.78	13.8	679	114	
2698	8½	38 52.28	23 46 47.4	264	8	
	8½	52.39	43.6	682	10	
2699	9½	38 52.36	48 20 13.0	652	8	
2700	9	38 55.65	55 55 33.3	638	47	
	9	55.72	32.2	239	87	
2701	9½	38 56.13	64 3 23.1	646	47	
2702	9½	38 56.60	36 49 22.0	281	95	
2703	9	38 59.45	59 21 53.5	284	135	
2704	9	39 1.14	23 41 18.0	264	9	
2705	9	39 1.62	25 19 31.2	648	55	
	9½	1.91	28.5	295	7	
2706	9	39 1.93	25 32 31.4	648	54	dpl. I. sq.
2707	9½	39 2.36	69 24 8.8	190†	71	
2708	9	39 3.50	34 6 55.5	680	124	
	9	3.57	57.1	254	88	
	9	3.61	58.7	680	125	
2709	6½	39 3.71	48 22 30.7	219	211	
	6½	3.83	34.6	652	9	
2710	7½	39 4.28	35 42 26.9	631	126	
2711	8½	39 5.03	24 19 1.3	682	11	
	8	5.03	3.2	264	11	
	8½	5.09	5.2	648	56	
2712	9½	39 5.17	73 4 56.9	640	18	
2713	9½	39 5.86	60 49 23.4	604	157	
2714	8½	39 7.27	62 50 46.3	246	68	
	8½	7.29	47.2	250	55	
2715	8½	39 8.84	27 40 40.2	686	32	
	8½	8.96	41.2	301	17	
2716	8½	39 8.91	31 1 3.1	292	37	
	9½	9.11	1.1	659	30	
	9½	9.15	1.2	260	17	
2717	9½	39 8.96	53 11 18.0	613	162	
	9½	9.05	17.9	610	167	
2718	9	39 9.33	61 21 29.7	604	156	
2719	8	39 9.42	73 14 59.3	640	21	
	8	9.50	60.1	583	43	
2720	9	39 9.47	35 42 52.5	631	127	
2721	8½	39 9.62	51 27 29.7	644	37	
2722	9	39 10.47	65 48 7.0	626	135	
2723	7½	39 11.63	72 27 23.8	185†	39	
2724	9½	39 12.26	68 40 23.8	628	67	
2725	8½	39 12.69	35 39 24.7	631	125	
2726	8½	39 13.87	62 52 52.5	250	56	
	9	14.01	52.0	246	67	
2727	9	39 14.33	29 48 13.4	684	35	
2728	8½	39 14.94	43 56 54.7	211	27	
2729	7½	39 15.05	36 55 39.2	281	96	
2730	8½	39 17.64	40 54 59.7	278	219	
	9	17.80	60.3	616	156	
2731	9	11 39 18.74	73 22 15.8	640	22	
2732	9½	11 39 19.19	60 11 5.2	624	141	
	9½	19.66	4.1	633	148	
2733	9½	39 19.53	53 13 50.9	613	163	
	9½	19.67	50.9	610	169	
2734	8	39 20.10	61 48 12.3	679	116	
2735	9	39 20.50	41 23 4.3	278	218	
2736	9	39 20.87	67 0 10.6	193†	84	
2737	9½	39 21.91	53 7 31.3	613	164	
	9	21.99	29.5	610	168	
2738	9½	39 22.16	69 15 25.9	190†	70	
2739	8	39 22.28	34 54 40.6	631	128	
	8	22.34	37.6	254	89	
2740	9	39 22.66	45 21 51.2	257	30	
2741	9	39 23.15	57 26 0.5	239	89	
2742	8½	39 23.23	30 15 41.7	292	38	
	8½	23.25	39.9	659	31	
2743	8½	39 23.88	65 17 53.2	646	48	
2744	8½	39 25.09	48 18 57.5	652	10	
	8½	25.13	56.4	219	210	
2745	9	39 25.37	66 31 4.3	626	134	
2746	9½	39 26.14	62 29 41.6	246	71	
2747	8½	39 26.92	31 34 9.1	659	32	
2748	8½	39 26.94	24 23 58.9	264	10	
	9	27.07	58.8	682	12	
	8½	27.13	62.3	648	57	
2749	8	39 27.47	44 10 50.9	211	25	
2750	9	39 29.02	59 50 18.0	284	138	
	9	29.03	17.2	284	136	
	9	29.11	18.3	624	142	
	9	29.23	17.2	285	131	
2751	7½	39 32.07	49 9 20.5	652	12	
2752	6	39 33.26	44 59 46.4	257	29	
	6	33.39	43.7	211	26	
2753	9	39 35.73	61 37 30.0	679	118	
2754	9	39 37.51	70 18 28.5	190†	75	
2755	8½	39 37.56	60 30 26.5	633	150	
	9	37.97	26.8	604	158	
2756	8½	39 37.61	51 59 43.6	644	39	
2757	9	39 41.43	73 20 53.0	640	20	
2758	8	39 41.77	74 10 45.5	583	45	
	8½	41.80	44.9	640	19	
2759	8½	39 42.42	70 54 32.0	642	28	
	8½	42.47	32.2	190†	73	
	8½	42.48	31.0	642	24	
	8½	42.58	31.0	185†	38	
2760	9½	39 42.98	33 8 29.3	260	18	
2761	4	39 43.38	66 2 8.3	626	136	
2762	8½	39 43.60	60 45 2.8	604	159	
2763	8	39 44.22	49 15 17.1	652	11	
2764	9	39 44.55	60 46 13.7	604	160	
2765	8½	39 44.98	70 32 54.3	190†	72	
	8½	45.12	56.0	642	27	
2766	9	39 46.59	42 53 18.6	211	28	
2767	9	39 46.71	58 7 7.8	675	153	
	9	47.07	6.4	621	187	
	9	47.09	7.7	289	96	
2768	10	39 48.52	58 55 36.8	677	153	
	10	48.92	36.6	289	95	
2769	8	39 50.50	37 26 52.5	281	97	
2770	8	39 51.65	24 10 43.3	648	58	
	7½	51.68	41.3	264	12	
	7	51.72	40.7	682	13	
2771	9	39 52.76	58 32 25.8	675	152	
2772	9½	39 53.88	62 18 56.9	246	72	
2773	8½	39 53.99	54 21 5.0	638	48	
	8½	54.06	4.3	613	165	
2774	9½	39 56.15	59 50 18.6	624	143	
2775	9	11 39 57.78	58 4 25.5	621	188	
	9	57.95	26.6	621	189	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2776	9	11 39 58.32	57 23 28.9	239	90	dpl. II. n.
2777	9	40 1.17	61 17 18.5	679	120	
	9½	1.56	17.2	270	1	
2778	9	40 2.24	26 22 14.6	295	8	
	9	2.44	12.4	686	34	
2779	9	40 2.70	76 5 13.0	242	65	
2780	9	40 3.94	24 2 17.9	264	13	
2781	7½	40 4.09	27 16 8.7	301	18	
	7½	4.13	8.1	686	33	
2782	8½	40 6.00	34 3 26.0	680	126	
2783	9½	40 6.56	35 14 48.3	631	129	
2784	7½	40 7.12	24 16 54.5	264	14	
	7½	7.18	51.2	682	14	
	7½	7.28	54.3	648	59	
2785	8½	40 7.57	45 32 4.2	257	32	red
2786	8½	40 7.59	45 32 59.2	257	31	
2787	9	40 8.22	29 20 11.1	292	39	
2788	9½	40 8.62	57 17 34.6	239	92	
2789	9	40 9.86	28 35 2.3	301	19	
	9	9.93	3.6	684	37	
2790	7½	40 10.75	23 47 24.2	682	15	
	7½	10.80	26.9	648	60	
	7	10.95	24.4	264	15	
2791	9	40 12.29	29 9 51.0	684	36	
2792	8	40 13.52	76 9 56.8	242	64	
2793	9	40 14.85	68 6 10.3	628	68	
2794	8½	40 15.63	50 51 36.0	644	40	
2795	8½	40 16.81	42 41 49.7	278	220	
2796	8½	40 16.93	30 14 3.7	292	40	
2797	9	40 16.95	31 38 6.8	659	33	
2798	9	40 17.46	57 12 13.8	239	93	
2799	8½	40 17.67	47 52 14.3	652	14	
2800	9½	40 17.89	54 2 35.8	613	166	
2801	8½	40 20.59	37 27 15.9	281	98	
2802	8½	40 20.78	53 28 60.3	613	167	
	8½	21.00	59.4	610	170	
2803	8	40 22.39	57 20 11.0	239	91	
2804	9	40 25.19	51 7 35.0	644	41	
2805	9	40 26.01	39 9 3.7	281	99	
	9½	26.11	4.5	616	157	
2806	8	40 26.41	72 54 36.0	640	23	
	8	26.43	33.1	185†	40	
	8	26.43	35.0	583	46	
2807	9	40 27.58	59 31 45.5	284	141	
2808	9½	40 28.02	62 27 10.5	246	73	
2809	5	40 28.59	60 28 57.6	633	151	
	5	28.69	59.2	604	161	
	4½	28.79	58.3	285	133	
2810	10	40 29.01	63 22 8.2	250	58	
2811	8½	40 30.06	70 12 32.5	190†	74	
	9	30.11	33.5	642	26	
2812	8½	40 32.02	48 8 56.5	652	15	
	8½	32.14	54.0	652	13	
2813	8½	40 32.23	28 39 39.1	684	38	
	8½	32.35	36.6	301	20	
2814	9	40 32.62	64 53 42.2	646	49	
2815	7½	40 33.73	61 23 8.0	270	2	
	8	33.83	7.2	679	119	
2816	5	40 33.85	39 49 11.4	616	158	
2817	9	40 34.50	52 27 53.0	610	171	
2818	9	40 34.53	67 26 0.7	628	69	
2819	9	40 34.80	23 14 28.8	264	16	
2820	9	40 36.04	66 9 45.1	626	137	
2821	9	40 36.32	65 57 49.0	626	138	
2822	8	40 37.55	64 4 16.6	646	50	
2823	9	40 37.56	57 56 5.3	621	190	
2824	8½	40 37.94	70 12 53.5	642	25	
	8	38.08	55.1	190†	76	
2825	9½	11 40 42.47	40 35 53.7	616	159	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2826	9½	11 40 43.82	75 58 11.3	242	63	
2827	8½	40 44.46	29 48 25.8	292	41	
	8½	44.63	23.8	659	34	
2828	9	40 44.65	35 42 57.1	631	130	
2829	8	40 47.68	25 17 29.4	295	9	
	8½	47.73	30.1	648	62	
2830	9½	40 47.69	59 3 20.4	677	154	
2831	8½	40 49.57	60 20 46.1	633	152	
	8½	49.66	46.4	285	134	
2832	8½	40 49.87	32 53 53.4	260	19	
2833	6½	40 51.01	35 12 40.1	631	131	
	6½	51.06	40.9	254	90	
2834	9½	40 51.87	60 46 6.0	270	4	
2835	9½	40 52.53	24 57 43.7	682	16	p
2836	8½	40 52.98	61 0 8.0	604	165	
2837	8½	40 54.70	74 24 56.6	583	44	
	8½	54.79	54.3	640	24	
2838	8	40 55.00	69 49 14.9	190†	78	
	8	55.27	15.8	642	31	
2839	7½	40 55.10	34 42 7.5	254	91	
2840	9½	40 58.81	59 51 38.5	624	146	
	9½	58.83	38.7	284	139	
2841	9½	40 58.86	66 10 10.0	626	139	
2842	8½	40 59.06	32 42 48.1	680	127	
	9	59.23	47.5	260	20	
2843	9	40 59.17	60 26 11.2	633	153	
	9	59.17	9.5	285	136	
	9	59.19	8.5	604	162	
2844	7	41 0.81	29 35 2.5	292	42	
2845	7½	41 1.85	25 16 2.1	648	61	
	7½	1.92	3.5	295	11	
2846	7½	41 1.98	28 47 50.3	301	21	
	8	2.11	48.3	684	39	
2847	9	41 2.02	58 21 40.1	675	155	
	9½	2.30	43.1	289	99	
	9	2.36	41.3	289	97	
2848	9½	41 2.65	38 0 25.8	281	100	
2849	9	41 4.25	69 46 45.6	642	30	
2850	9½	41 4.88	45 35 7.0	257	33	
2851	9½	41 4.96	58 54 52.0	677	155	
2852	9½	41 6.06	58 30 55.7	675	154	
2853	9½	41 6.85	59 55 7.9	624	145	
2854	9	41 8.51	24 8 12.1	264	17	
2855	7	41 9.08	30 33 34.4	659	35	
2856	9½	41 10.09	60 28 0.5	633	154	
	9½	10.15	1.7	285	137	
	9½	10.16	1.4	604	164	
	9½	10.29	1.3	270	6	
	9½	10.31	0.4	285	135	
2857	8½	41 10.17	45 38 42.4	257	34	
2858	9	41 10.99	30 29 20.7	659	36	
2859	9½	41 11.31	54 33 0.9	638	49	
2860	9½	41 11.55	54 31 25.7	638	50	
2861	9	41 12.53	59 21 42.6	284	143	
2862	9½	41 12.64	60 11 48.8	633	155	
2863	6	41 13.22	57 0 7.2	239	94	
2864	9	41 13.32	52 57 33.1	610	172	
2865	9	41 14.44	74 20 53.6	640	25	
2866	9	41 14.45	49 11 23.1	652	16	
2867	9	41 15.09	60 47 22.2	270	3	
2868	9½	41 15.89	60 30 11.2	633	156	
	9	15.90	8.5	270	5	
	9	16.00	10.4	285	138	
	9	16.17	9.3	604	163	
2869	8½	41 16.82	57 38 55.2	621	191	
2870	9½	41 19.31	45 32 55.1	257	35	
2871	9	41 19.36	62 36 23.2	246	74	
2872	9½	11 41 19.47	62 43 60.7	246	76	
	9½	19.75	58.0	250	57	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2873	9½	11 41 19.61	40 29 25.7	616	160	
2874	8	41 19.70	50 43 58.3	644	42	
2875	9	41 19.85	61 14 22.9	679	121	
2876	8½	41 20.34	66 55 57.1	628	71	
	9	20.45	57.5	193†	86	
	9	20.65	53.2	626	140	
2877	8½	41 21.26	24 46 46.5	264	18	
	9	21.34	44.8	682	17	
2878	8½	41 21.69	36 41 28.4	631	133	
2879	8½	41 22.33	33 45 22.8	254	92	
	9	22.39	22.1	680	128	
2880	8½	41 23.85	25 16 50.5	648	63	
	8½	23.98	50.5	295	10	
2881	9½	41 24.58	58 20 10.2	289	98	
2882	9	41 25.06	66 59 21.7	628	73	
2883	8½	41 28.23	69 43 16.2	190†	79	
	8½	28.32	17.7	642	33	
2884	8	41 28.81	59 55 41.3	624	148	
	8½	28.85	38.1	624	144	
2885	8½	41 33.11	59 25 4.6	284	142	
2886	9	41 33.49	57 38 4.7	621	192	
2887	9	41 33.59	37 25 31.8	281	101	
2888	9	41 34.08	45 54 12.9	257	36	
2889	9½	41 34.80	52 53 6.8	610	173	
2890	7½	41 35.28	27 37 42.2	686	36	
	7½	35.50	42.4	301	22	
2891	8½	41 36.35	77 12 31.4	242	69	
2892	7½	41 36.64	75 55 22.0	242	66	
2893	9	41 36.66	24 35 12.1	264	19	
2894	9	41 37.05	57 11 19.9	239	95	
2895	9½	41 37.29	53 25 15.4	613	168	
	9½	37.34	14.7	610	174	
2896	8	41 38.50	65 18 43.9	646	51	
2897	9	41 39.17	31 41 37.2	659	37	
	9	39.18	36.6	260	21	
2898	9	41 39.45	71 4 22.3	642	29	
	9	39.85	26.0	583	47	
2899	9	41 39.65	27 41 39.2	301	23	
	9	39.85	36.1	686	35	
2900	8½	41 42.22	36 34 1.2	631	132	
2901	9	41 42.87	62 30 11.9	246	75	
2902	7	41 43.91	66 59 48.4	193†	85	
	7	44.04	47.7	626	141	
	7	44.22	49.7	628	70	
2903	8½	41 44.97	39 35 44.1	616	161	
2904	9½	41 45.15	55 35 28.3	638	51	
2905	9½	41 46.44	61 17 19.5	679	122	
2906	10	41 46.86	58 53 39.7	677	156	
2907	8½	41 48.79	28 58 54.9	292	44	
	9	48.87	53.4	292	43	
2908	7	41 49.26	34 31 39.3	254	93	
2909	9½	41 49.46	67 4 13.3	193†	87	
	9	49.66	13.8	628	72	
	9	50.11	12.6	626	143	
2910	9	41 52.42	59 52 16.3	284	140	
	9	52.44	15.2	624	147	
2911	9	41 54.33	32 38 58.1	260	22	
2912	10	41 54.41	53 39 39.5	613	169	
2913	9	41 55.42	64 37 42.8	646	52	
2914	9	41 58.78	57 7 55.4	239	96	
2915	8½	42 1.19	57 17 59.8	239	97	
2916	8½	42 1.65	51 25 33.3	644	43	
2917	7½	42 2.72	49 17 57.8	652	17	
2918	7½	42 4.24	57 31 30.1	621	193	
2919	9	42 4.54	48 13 46.1	652	18	
2920	9½	42 9.13	40 49 26.7	278	221	
2921	8	42 9.18	77 11 35.7	242	68	
2922	9½	42 9.38	60 10 55.8	633	157	
2923	8½	11 42 10.25	62 7 41.7	679	123	
2924	8	11 42 11.25	24 23 26.2	682	18	
	7½	11.29	28.1	264	20	
2925	5½	42 14.67	66 7 9.0	626	142	
2926	8	42 14.84	67 50 26.5	193†	89	
2927	8½	42 17.32	25 12 35.3	295	12	
	8½	17.45	35.9	648	64	
2928	9½	42 17.96	53 27 36.4	610	175	
2929	8½	42 18.53	46 51 36.8	652	19	
2930	8½	42 18.72	60 55 32.6	604	166	
	9	19.02	33.4	270	9	
2931	9	42 19.74	55 30 44.9	638	52	
2932	9½	42 20.36	58 31 58.7	675	156	
	10	20.53	62.6	289	100	
2933	8	42 20.61	38 2 44.6	281	102	
2934	8½	42 20.98	55 16 18.3	638	53	
2935	7	42 22.85	35 17 31.2	631	134	
2936	8	42 23.08	76 12 7.0	242	67	
2937	8½	42 24.91	44 53 33.2	211	29	
2938	6	42 26.43	26 3 16.4	686	37	
	5½	26.55	15.8	648	65	
	6	26.59	15.7	295	14	
2939	9	42 26.52	67 19 52.5	628	74	
2940	8½	42 31.43	72 47 3.2	583	49	
	8½	31.67	2.4	185†	42	
	8½	31.72	1.2	185†	41	
2941	8½	42 32.25	44 13 7.1	211	30	
2942	9½	42 33.82	60 47 27.4	270	8	
2943	8½	42 34.16	77 0 3.3	242	70	
2944	8½	42 34.28	25 21 13.1	295	13	
	8½	34.39	13.2	648	66	
2945	9	42 34.35	56 48 31.8	239	100	
2946	9½	42 35.97	37 38 17.1	281	103	
2947	9	42 36.40	60 52 8.9	604	167	dpl. II. s.
	8½	36.73	10.0	270	7	
2948	9	42 38.38	26 48 54.5	686	38	
	8½	38.44	55.1	301	24	
2949	9½	42 39.30	62 19 36.4	246	79	
2950	9½	42 39.93	35 14 20.2	631	135	
2951	9½	42 40.04	67 15 17.8	628	75	
2952	10	42 41.23	42 21 43.1	278	222	
2953	9½	42 41.63	62 20 9.5	246	78	
2954	9½	42 44.59	57 16 7.5	239	98	
2955	9	42 44.77	61 42 8.6	679	124	
2956	9½	42 45.44	64 2 2.5	646	53	
2957	8	42 48.07	50 42 48.8	644	44	
2958	9½	42 51.76	57 39 7.1	621	194	
2959	9	42 51.84	36 52 17.1	631	136	
2960	9½	42 52.07	67 9 45.3	193†	88	
	9	52.19	46.5	628	76	
	9	52.41	45.0	626	144	
2961	9½	42 52.24	52 2 5.9	610	177	
2962	8½	42 52.26	51 32 25.4	644	46	
2963	8½	42 52.84	54 18 17.7	638	54	
	8½	52.94	18.9	656	1	
	8½	52.96	16.6	613	170	
2964	8½	42 56.84	29 58 23.1	292	45	
	8½	56.97	20.9	659	38	
	8½	57.01	21.8	684	40	
2965	9½	42 57.87	60 27 8.8	633	158	
2966	9½	43 0.49	52 36 50.1	610	176	
2967	8½	43 1.01	45 31 38.5	257	37	s. pr.
2968	9½	43 1.24	57 32 18.6	621	195	
2969	8½	43 2.20	69 45 28.2	190†	77	
	8½	2.31	29.0	642	32	
2970	9½	43 2.91	45 32 10.4	257	38	n. sq.
2971	8	43 3.44	48 37 16.8	652	21	
2972	7	43 4.72	56 59 46.6	239	99	
2973	9	43 7.64	56 8 52.0	638	57	
2974	9	11 43 8.17	42 16 6.1	278	223	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
2975	9½	11 43 9.27	68 53 10.2	193†	91	
	9	9.35	12.5	642	35	
2976	9	43 10.75	32 5 28.7	659	39	
2977	9	43 11.06	37 27 57.6	281	104	
2978	9½	43 11.12	40 40 11.5	616	162	
2979	9	43 11.20	51 24 50.2	644	45	
2980	8½	43 11.65	61 25 59.9	679	125	
2981	9	43 13.29	62 41 11.0	250	59	
	8½	13.37	12.1	246	77	
2982	8½	43 13.52	71 36 38.5	583	48	
2983	8	43 14.74	45 22 20.5	257	39	
2984	9½	43 15.57	59 56 8.9	624	150	dpl. IV.
2985	9	43 15.64	34 16 33.7	254	94	
2986	8½	43 16.13	68 0 13.4	193†	90	
2987	9½	43 17.66	54 48 42.0	638	55	dpl. I.
2988	7½	43 17.77	59 43 49.9	624	149	
	8	17.84	49.5	284	144	
	7½	17.88	50.6	285	139	
2989	9	43 21.64	48 0 0.3	652	20	
2990	8	43 21.79	50 4 6.9	644	49	
2991	9	43 22.41	32 0 45.3	659	40	
2992	9½	43 24.05	56 8 23.8	638	58	
2993	8	43 25.81	31 44 58.7	659	41	
	8	25.97	58.4	260	23	
2994	9	43 27.26	35 56 17.1	631	138	
2995	9½	43 27.34	60 35 15.8	633	160	
	9½	27.73	17.8	270	12	
2996	9	43 27.80	32 35 8.3	680	130	
2997	9	43 28.08	66 46 46.6	626	146	
2998	8½	43 32.02	26 53 16.1	301	25	
	8½	32.16	14.3	686	39	
	9	32.21	15.0	295	15	
2999	9	43 32.11	53 20 31.4	613	171	
3000	9½	43 32.14	56 48 32.7	239	102	
3001	9	43 32.46	61 15 19.6	679	126	
	9	32.50	21.4	604	170	
3002	9	43 32.90	52 23 4.7	656	3	
	9	33.02	5.9	610	179	
3003	7½	43 33.00	50 1 34.0	644	50	
3004	9½	43 34.46	32 20 60.0	260	25	
	9½	34.63	59.0	680	129	
3005	8½	43 34.48	45 19 7.3	257	41	
3006	8½	43 34.64	30 47 2.3	292	46	
3007	9	43 36.05	31 48 39.4	659	42	
	9	36.27	37.3	260	24	
3008	9½	43 36.18	42 15 37.5	278	224	
3009	5	43 36.63	63 5 36.7	250	60	
3010	9	43 36.99	58 34 34.8	675	157	
	9	37.13	34.3	677	157	
	9	37.16	36.8	289	101	
3011	8	43 37.98	61 50 6.0	679	127	
3012	8½	43 38.26	51 30 0.7	644	48	
3013	8½	43 40.66	53 48 56.8	656	2	
	8½	40.76	54.8	613	172	
3014	8½	43 43.53	45 20 20.9	257	40	
3015	8	43 43.88	39 34 51.8	616	163	
3016	9½	43 44.38	31 43 17.8	659	43	
3017	9	43 44.97	60 38 51.0	633	159	
	9	45.19	50.8	270	11	
	9½	45.26	49.6	604	168	
3018	9½	43 45.57	54 49 58.6	638	56	
3019	9½	43 46.18	40 16 49.5	616	164	
3020	8	43 47.59	49 38 16.3	652	23	
3021	9	43 48.63	34 15 10.5	254	95	
3022	9	43 49.57	29 50 13.8	684	42	
3023	9	43 49.73	55 34 40.1	638	60	
3024	9	43 50.05	56 50 32.6	239	101	
3025	9	43 50.65	65 32 57.4	626	148	
3026	9½	43 51.27	66 48 56.3	626	145	
3027	9½	11 43 51.52	59 26 35.8	284	146	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3028	8½	11 43 53.49	52 23 20.2	610	178	
	8½	53.53	21.5	656	4	
3029	9	43 53.74	45 19 26.1	257	42	
3030	8	43 54.31	56 21 6.2	239	103	
3031	8	43 54.66	48 50 52.8	652	22	
3032	9½	43 56.25	69 29 17.3	190†	81	
	9½	56.44	17.3	642	36	
3033	9	43 56.52	56 8 36.0	638	59	
3034	9½	43 57.06	36 24 0.1	631	137	
3035	9	43 57.24	29 50 43.1	684	43	
3036	10	43 57.74	54 0 24.7	613	173	
3037	5½	43 58.51	69 31 49.0	190†	80	
	5½	58.69	48.3	642	34	
3038	8½	43 59.55	28 25 58.0	684	41	
	8½	59.66	59.7	301	26	
3039	9½	44 1.00	58 51 46.7	284	145	
	9½	1.10	44.8	677	158	
	9	1.14	46.1	289	103	
3040	9½	44 2.02	60 34 12.8	270	13	
3041	9	44 4.04	58 39 27.9	677	159	
	9	4.22	29.5	675	158	
	9	4.29	29.9	289	102	
3042	9½	44 4.55	60 31 55.4	633	161	
3043	9½	44 5.59	51 28 29.1	644	47	
3044	8½	44 7.60	56 29 18.1	239	104	neb.
3045	8	44 11.67	45 46 20.5	257	43	
3046	9½	44 12.22	62 4 1.7	246	80	
3047	9½	44 14.05	60 20 14.3	285	140	
3048	9	44 18.03	57 35 33.1	621	197	
3049	8½	44 18.13	50 14 56.2	644	51	
3050	6½	44 18.42	26 34 58.9	686	40	
	7	18.58	59.6	295	16	
3051	9	44 18.49	60 52 3.7	270	10	
3052	8	44 18.64	36 59 7.3	281	105	
3053	9½	44 19.94	66 43 24.5	626	147	
3054	6½	44 20.70	61 57 13.9	679	128	
3055	9	44 20.85	58 4 15.4	621	196	
3056	9	44 21.63	74 56 33.1	185†	43	
	9	21.78	33.5	640	26	
	9	21.98	34.0	583	51	
3057	8½	44 22.96	50 15 43.8	644	52	
3058	9½	44 23.67	53 1 3.0	610	181	
3059	9	44 23.69	35 45 57.9	631	139	
3060	8½	44 24.43	60 5 54.1	633	163	
	8½	24.71	53.5	624	151	
	8	24.85	54.8	285	142	
3061	8	44 25.41	32 26 45.2	260	26	
	7½	25.44	47.1	680	131	
3062	9½	44 25.54	62 52 22.2	250	61	
3063	9	44 25.94	60 31 6.7	633	162	
	9	26.16	6.5	285	141	
	9½	26.26	6.9	604	169	
	9	26.30	7.7	270	14	
3064	9	44 26.32	58 51 1.0	677	160	
	9½	26.48	4.1	289	104	
3065	9	44 27.60	57 31 54.1	621	198	
3066	9	44 28.35	40 10 13.3	616	165	
3067	9½	44 28.57	40 55 34.3	278	225	
3068	8	44 30.69	67 29 31.2	628	78	
3069	9½	44 32.32	62 30 37.5	246	81	
3070	8	44 32.96	61 51 22.9	679	129	
3071	9	44 33.13	44 15 42.6	211	31	
3072	9½	44 33.97	52 57 13.7	610	180	
3073	9	44 36.97	35 40 11.1	631	140	
3074	9½	44 38.26	57 28 44.3	621	199	
3075	9	44 38.86	62 57 17.4	250	62	
3076	9	44 41.34	32 31 32.3	260	27	
	9	41.38	33.7	680	132	
3077	9½	44 41.46	55 11 32.0	638	61	
3078	9½	11 44 41.90	77 42 39.6	242	72	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3079	10	11 44 42.28	54 11 28.0	656	5	
	9½	42.65	25.1	613	175	
3080	9	44 42.45	68 29 18.7	193†	92	
3081	9	44 42.77	41 2 35.1	278	226	
3082	8	44 43.59	61 56 59.6	679	130	
3083	9	44 43.82	36 56 4.3	281	106	
3084	9½	44 44.05	53 59 46.3	613	174	
3085	8½	44 44.86	72 50 22.7	185†	44	
	8	44.87	22.6	640	27	
	8	45.50	24.3	583	50	
3086	7½	44 45.93	26 23 4.5	686	41	
	7½	45.98	7.1	295	17	
3087	9	44 51.00	45 43 9.4	257	44	
3088	9½	44 51.56	28 47 39.6	684	44	
3089	7½	44 53.65	67 23 5.6	628	77	
	7½	53.89	5.8	193†	95	
3090	5	44 54.28	44 28 38.6	211	32	
3091	9	44 54.42	40 4 24.6	616	166	
3092	8	44 54.59	59 28 55.3	284	147	
3093	9½	44 55.11	23 36 18.0	682	19	
3094	10	44 56.37	52 44 28.3	610	183	
3095	9½	44 57.20	56 38 30.7	239	106	
3096	8½	44 58.09	56 33 51.3	239	105	
3097	8	45 1.19	61 56 45.1	679	131	
3098	9	45 1.43	70 47 48.5	190†	83	
3099	9	45 1.85	57 54 14.8	621	200	
3100	9	45 1.88	32 35 55.5	680	133	
	9	2.00	53.7	260	28	
3101	9	45 2.96	70 7 1.6	642	37	
	9	3.05	1.7	190†	85	
	9	3.07	1.7	190†	82	
3102	7	45 5.06	61 9 1.4	604	172	
	7	5.23	1.4	270	17	
3103	9	45 5.49	44 17 27.8	211	33	
3104	7	45 5.82	42 23 4.9	278	227	
3105	7½	45 6.72	51 24 43.5	644	53	
3106	8	45 6.91	23 9 1.5	682	20	
	8	7.00	3.8	264	21	
3107	9½	45 7.62	60 20 25.2	633	164	
3108	9½	45 8.71	59 48 13.0	624	155	
	9½	8.78	13.0	624	152	
3109	8½	45 8.99	30 55 55.9	292	47	
	9	9.29	54.4	659	44	
3110	9½	45 9.51	54 8 63.4	656	6	
	9½	9.51	59.5	613	176	
3111	9	45 10.84	61 6 35.7	604	171	
3112	9	45 11.10	23 6 58.6	682	22	
	9	11.31	57.9	264	22	
3113	9½	45 11.23	61 1 23.0	604	173	
3114	9½	45 13.21	72 51 32.1	640	28	
3115	8½	45 13.57	35 47 14.2	631	141	
3116	8	45 15.42	39 59 30.4	616	168	
3117	9	45 15.73	77 35 26.6	242	71	
3118	9½	45 15.84	65 5 48.5	646	54	
3119	9	45 16.66	61 53 26.3	679	132	
3120	9	45 17.21	38 58 13.9	281	108	
3121	8	45 17.33	39 6 16.8	281	107	
3122	10	45 17.66	44 16 15.1	211	34	
3123	9	45 18.30	61 53 56.5	679	133	
3124	8	45 18.61	68 9 57.4	193†	93	
3125	9	45 19.01	32 8 42.2	659	45	
	9½	19.21	40.0	260	30	
3126	9	45 20.18	35 8 49.1	631	142	
	9	20.34	47.1	254	96	
3127	6	45 22.42	30 7 46.6	292	48	
	6	22.43	47.0	684	45	
	6	22.76	46.0	659	47	
3128	8½	45 22.82	48 2 26.1	652	25	
3129	9	11 45 23.47	32 7 38.7	659	46	
	9	23.63	38.3	260	31	
3130	9½	11 45 23.63	59 22 40.7	284	148	
3131	8	45 24.44	39 36 41.9	616	169	
3132	9	45 29.17	67 52 14.9	628	83	
3133	8	45 30.30	40 33 9.7	616	167	
3134	8½	45 31.13	23 11 38.0	264	23	
	9	31.42	38.7	682	21	
3135	9½	45 31.91	47 3 57.9	652	24	
3136	9	45 33.05	32 45 40.5	260	29	
3137	8	45 33.60	60 27 46.5	604	174	
	8	33.62	45.6	633	165	
	8	33.92	45.7	285	143	
	8	34.02	45.9	270	15	
3138	9½	45 33.61	67 28 46.9	193†	97	
	9	33.88	43.9	628	80	
3139	10	45 35.13	44 21 16.2	211	35	
3140	8½	45 36.32	38 49 44.4	281	109	
	9	36.39	43.5	616	170	
3141	10	45 38.62	62 31 46.9	246	82	
3142	9½	45 40.68	52 45 40.4	610	182	
3143	7½	45 42.04	63 53 59.1	250	63	dpl. I. n.sq.
	7½	42.36	58.8	646	55	
3144	9½	45 45.04	54 27 52.8	638	63	
3145	5½	45 45.19	64 30 36.5	646	56	
3146	10	45 45.49	58 48 3.2	289	105	
3147	8	45 45.80	67 27 56.9	193†	96	
	8	46.00	55.4	628	81	
3148	9½	45 48.91	42 28 40.0	278	228	
3149	7½	45 49.59	48 42 21.8	652	28	
3150	9	45 49.63	53 42 48.9	613	179	
	8½	49.72	50.8	656	7	
3151	9½	45 49.68	51 2 1.2	644	55	
3152	9	45 50.55	24 27 14.7	682	23	
	9	50.63	15.1	648	68	
3153	9	45 50.70	36 16 17.5	631	143	
3154	9½	45 50.81	59 48 59.5	624	154	
3155	9½	45 51.60	54 40 27.5	638	62	
	9½	51.67	26.5	613	177	
3156	9	45 54.17	27 27 14.1	301	27	
3157	9	45 54.93	67 21 33.8	193†	98	
	9	55.32	31.6	628	79	
3158	9½	45 55.72	53 4 36.9	656	8	
	9½	56.16	35.1	610	184	
3159	9½	45 55.84	66 5 55.4	626	149	
3160	9	45 57.05	50 58 59.3	644	56	
3161	9	45 57.29	57 25 28.6	621	201	
3162	8	45 57.79	37 3 23.1	631	144	
	8	57.96	22.3	281	110	
3163	9½	45 57.80	26 8 7.4	686	42	
3164	8½	45 58.51	58 21 23.9	675	159	
3165	6	45 59.97	56 17 36.8	239	108	
3166	9½	46 0.26	60 21 28.6	285	146	
	9½	0.33	28.7	633	166	
3167	9½	46 0.40	59 50 5.2	624	153	
	9½	0.47	6.1	284	149	
3168	9	46 2.51	25 52 5.8	648	67	
3169	9½	46 3.11	28 11 51.2	684	46	
3170	7	46 3.96	50 37 7.4	644	57	
3171	9	46 7.51	61 19 54.7	270	19	
3172	9½	46 8.66	67 4 39.1	628	82	
3173	8	46 10.84	37 24 3.0	281	111	
3174	9½	46 11.19	44 47 40.2	211	37	
3175	9	46 11.27	61 20 0.9	270	18	
3176	9	46 12.56	68 13 8.2	193†	94	
	8½	12.92	11.8	628	86	
3177	9½	46 14.05	57 29 25.0	621	202	
3178	9	46 14.57	56 32 10.0	239	109	
	9	14.84	7.2	239	107	
3179	9½	46 14.99	60 16 4.9	633	167	
3180	9½	11 46 17.32	53 8 40.3	656	9	
	9½	17.59	38.6	613	178	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3181	9½	11 46 17.73	57 28 2.0	621	203	
3182	9½	46 18.59	60 49 47.2	604	175	
	9	18.94	42.0	270	16	
3183	9½	46 19.17	63 53 30.1	250	64	
3184	8½	46 20.50	47 59 13.6	652	27	red
3185	9	46 21.28	51 25 45.6	644	54	
3186	9	46 21.41	33 22 25.1	254	98	
3187	7	46 22.32	61 45 5.1	679	134	
3188	9½	46 24.33	60 30 47.2	285	144	
3189	7½	46 24.46	37 17 28.6	281	112	
3190	8	46 24.67	62 28 30.1	246	83	
3191	9½	46 25.61	62 5 5.9	246	84	
3192	8	46 28.53	47 58 9.8	652	26	
3193	9	46 28.73	61 17 45.5	270	20	
	9½	29.16	45.9	604	176	
3194	8	46 28.76	23 47 0.4	648	69	
	8	28.77	1.2	264	24	
	8½	28.90	0.0	682	24	
3195	7½	46 29.13	61 32 22.9	679	136	
3196	9½	46 30.02	66 4 7.4	626	150	
3197	9	46 30.21	52 17 55.8	656	10	
	9	30.21	54.5	610	185	
3198	9	46 31.28	45 22 49.5	257	45	
3199	9	46 32.19	59 50 39.1	624	156	
	9	32.30	41.6	284	150	
	9	32.46	41.1	285	147	
3200	9½	46 32.38	52 8 8.9	610	186	
3201	9	46 35.61	69 15 30.8	642	38	
	9	35.96	30.3	190†	87	
3202	5	46 35.88	33 12 43.4	680	134	
	4	35.97	44.3	254	97	
	4½	36.12	43.7	260	32	
3203	9	46 36.26	67 47 43.9	628	84	
3204	9½	46 36.64	61 33 13.7	679	135	
3205	9	46 37.87	69 16 53.0	190†	86	
	9	37.92	52.4	642	40	
3206	9	46 38.58	45 52 11.0	257	46	
	9	38.61	12.2	257	48	
3207	10	46 38.81	26 37 55.7	295	19	
3208	8	46 40.12	41 5 4.8	278	230	
	8	40.13	4.2	616	171	
	7½	40.24	4.1	302	1	
3209	9½	46 41.47	58 52 26.4	284	152	
	9½	41.82	22.3	289	106	
3210	9	46 43.49	60 19 20.3	633	168	
	9	43.74	18.6	285	145	
3211	9	46 44.70	59 17 51.4	284	151	
3212	8½	46 47.14	26 36 45.4	295	18	
	9	47.21	44.7	686	43	
3213	9	46 47.41	56 20 45.9	239	110	
3214	8	46 47.68	64 32 43.7	646	57	
3215	8½	46 48.32	69 11 17.6	642	39	
	8	48.42	18.6	190†	88	
3216	9	46 48.82	44 47 20.6	211	36	
3217	9½	46 48.90	59 4 26.8	289	107	
3218	9	46 50.47	61 59 25.9	246	85	
3219	8½	46 53.08	35 40 12.4	631	145	
3220	8½	46 53.21	57 33 25.9	621	204	
3221	9	46 53.44	27 42 17.7	301	28	
3222	9½	46 53.77	59 41 32.7	624	157	
3223	8½	46 55.39	56 1 53.8	239	112	
	8½	55.47	53.1	638	64	
3224	9½	46 56.77	54 18 57.3	638	65	
3225	9½	46 57.31	52 23 49.4	610	187	
3226	7	46 58.02	35 52 51.9	631	147	
3227	9	46 59.68	58 37 2.9	289	108	
3228	8½	11 46 59.77	23 53 34.5	648	70	dpl. II. pr.
	8½	59.86	34.0	682	25	
	8½	59.87	35.0	264	25	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3229	9	11 47 0.20	42 29 30.7	278	229	
3230	9½	47 3.90	53 13 28.5	610	188	n.pr.
	9	3.96	29.8	613	181	
3231	10	47 4.62	53 14 11.2	610	189	s.sq.
	10	4.76	9.9	613	182	
3232	9	47 4.72	37 1 13.2	281	113	
3233	8½	47 5.39	32 57 52.6	260	33	
3234	9½	47 5.73	60 12 14.1	633	169	
3235	9½	47 6.22	76 8 33.2	242	73	
3236	7½	47 11.75	64 42 30.0	646	58	
3237	9½	47 13.70	61 29 14.8	679	137	
3238	8½	47 14.08	26 8 49.3	686	44	
3239	9	47 14.66	70 7 52.2	190†	84	
3240	8	47 15.27	48 32 4.7	652	30	
3241	8½	47 16.54	27 34 60.1	301	29	
	8½	16.56	58.4	686	45	
3242	9½	47 16.58	54 15 2.0	656	11	
	10	16.75	4.3	613	180	
3243	9½	47 16.62	60 19 54.8	285	149	
3244	9	47 17.20	27 56 31.1	684	47	
3245	9½	47 17.35	50 34 10.8	644	58	
3246	8½	47 17.87	60 35 5.7	633	173	
	8½	17.90	6.3	270	22	
	9	18.21	2.3	604	177	
3247	7½	47 18.29	46 2 48.7	257	47	
	8	18.36	49.4	257	50	
3248	9½	47 19.20	35 45 4.5	631	148	
	9	19.29	4.5	631	146	
3249	8½	47 19.48	73 16 55.8	640	29	
	8½	19.52	56.5	185†	45	
3250	9½	47 20.33	67 50 8.6	628	85	
3251	9	47 20.51	30 56 10.9	659	48	
3252	9	47 21.96	64 5 32.7	646	60	
3253	9½	47 22.34	63 55 19.3	250	65	
3254	8	47 22.51	48 37 29.1	652	29	
3255	9½	47 23.98	54 36 40.6	638	66	
3256	9	47 24.29	73 50 34.6	583	52	
	9	24.71	34.1	640	30	
3257	9½	47 27.10	40 43 27.3	616	174	
3258	9	47 28.77	59 34 15.8	284	154	
3259	8½	47 29.94	60 20 3.5	633	172	
	8½	30.24	1.7	285	148	
3260	8	47 30.07	33 43 25.0	254	99	
	8	30.25	23.9	680	135	
3261	9	47 30.15	66 45 42.3	626	151	
3262	8½	47 30.46	25 8 27.7	648	71	
	9	30.61	28.2	295	20	
	8½	30.65	28.1	682	28	
3263	9	47 31.17	60 16 34.6	285	150	
	9	31.25	36.9	633	171	
3264	8½	47 31.40	23 45 50.4	682	26	
	8½	31.41	51.7	264	26	
3265	9	47 31.63	61 30 35.9	679	138	
3266	9	47 31.84	40 41 28.0	616	172	
3267	8½	47 33.29	43 5 32.0	211	38	
	8	33.48	32.3	302	2	
3268	9½	47 33.54	57 50 58.8	621	206	
3269	7½	47 34.81	64 35 37.4	646	59	
3270	8	47 35.51	61 30 3.0	679	139	
3271	9	47 35.91	49 14 11.9	652	32	
3272	9½	47 36.38	62 14 22.3	246	86	
3273	8	47 36.81	66 57 4.4	193†	99	
	8	36.98	1.7	626	152	
3274	9½	47 38.48	62 14 13.0	246	87	
3275	9½	47 40.23	33 48 56.1	680	136	
	9	40.45	56.0	254	100	
3276	9	47 41.44	54 41 6.3	638	69	
3277	9½	47 43.09	58 51 2.7	284	153	
3278	8½	11 47 43.48	40 43 32.8	616	173	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3279	9	11 47 43.96	56 9 52.9	239	114	
	9	44.17	50.8	239	111	
3280	9½	47 44.14	55 54 47.6	239	113	
3281	9	47 44.68	60 57 27.9	270	21	
	9	44.78	29.1	604	178	
3282	9½	47 44.81	68 6 13.8	628	87	
3283	9	47 44.86	71 7 12.2	583	53	
	9	45.16	10.6	185†	46	
3284	9	47 45.19	72 43 56.2	185†	48	
3285	9	47 45.34	24 5 9.4	682	27	
	9	45.45	11.9	264	27	
	9	45.52	11.0	648	72	
3286	8½	47 46.09	29 17 8.3	292	49	
	8½	46.22	12.7	684	49	
3287	8½	47 46.19	32 59 37.8	260	34	
3288	9½	47 47.24	57 49 29.9	621	205	
3289	9	47 47.46	33 57 32.2	680	137	
	8½	47.51	30.8	254	101	
3290	9	47 48.60	60 16 59.9	633	170	
	9½	48.70	59.5	285	151	
3291	9	47 49.45	48 29 12.5	652	31	
3292	8½	47 50.89	35 17 44.0	631	149	
3293	7½	47 51.21	30 12 41.6	659	49	
	7½	51.34	43.8	292	50	
3294	9	47 54.06	69 14 22.3	642	42	
	8½	54.33	23.2	190†	90	
3295	8	47 54.87	36 54 15.1	631	151	
	8	54.97	12.9	281	114	
3296	9	47 55.31	54 29 2.1	638	67	
	9	55.34	2.6	613	183	
3297	9½	47 58.15	31 20 51.6	260	35	
3298	9	47 58.27	58 36 13.2	289	109	
3299	8	47 59.64	66 58 34.1	626	153	
	8	59.73	31.4	193†	100	
3300	9	48 0.90	52 46 11.8	656	12	
	9	1.02	12.9	610	190	
3301	9	48 1.23	58 4 32.1	621	207	
3302	9½	48 1.90	28 40 46.9	684	48	
3303	9½	48 2.02	51 47 24.1	644	59	
3304	10	48 2.34	62 53 12.8	250	66	
3305	8	48 6.39	45 47 41.4	257	49	
3306	9	48 8.54	57 58 20.7	621	208	
3307	7	48 9.86	37 3 17.9	631	150	
	7	9.95	18.7	281	115	
3308	9	48 10.63	53 53 19.5	613	185	
3309	8	48 11.64	41 20 56.7	278	231	
3310	7½	48 12.52	56 16 26.5	239	115	
3311	9½	48 15.08	48 26 51.8	652	34	
3312	8½	48 16.02	69 18 22.2	190†	89	
	9	16.22	23.1	642	43	
	9	16.22	20.7	642	41	
3313	9	48 17.93	31 25 51.6	659	50	
	9	18.13	50.9	260	36	
3314	9	48 18.76	53 56 17.1	613	184	
	9	18.90	19.7	656	15	
3315	9½	48 18.80	41 34 34.7	278	232	
3316	9	48 18.96	62 19 44.6	246	88	
3317	9	48 19.14	66 45 34.3	626	154	
3318	8	48 19.20	42 57 41.5	211	39	
	8	19.40	43.1	302	3	
3319	9	48 20.30	53 2 0.3	656	13	
3320	9	48 20.43	69 16 36.0	642	44	
3321	9	48 20.62	54 2 12.7	613	187	
3322	6	48 20.90	25 1 16.7	264	29	
	6	20.90	14.7	682	29	
	5½	20.93	15.5	648	73	
	6	20.94	16.9	295	21	
3323	9	48 21.01	53 58 43.8	613	186	dpl. III.
3324	8	11 48 21.31	63 0 18.2	250	67	
3325	9	11 48 22.42	54 31 22.2	638	68	
3326	9	48 22.67	49 9 34.1	652	33	
3327	8	48 26.82	30 58 19.4	292	51	
	8	26.99	17.0	659	51	
	8½	27.01	18.5	260	37	
3328	9	48 27.17	61 43 55.7	679	140	
3329	8	48 27.18	22 51 16.3	264	28	
	8	27.23	18.6	682	30	
3330	9½	48 28.48	67 37 46.8	193†	101	
	9	28.97	47.2	628	89	
3331	8	48 30.36	41 41 57.5	278	233	
	7½	30.51	57.2	302	5	
3332	8	48 30.70	64 31 22.6	646	61	
3333	7½	48 31.58	42 54 55.7	211	40	
	8	31.79	54.2	302	4	
3334	8½	48 32.20	59 59 19.2	624	158	
	8½	32.37	19.9	285	152	
3335	7	48 33.93	65 40 41.3	626	156	
3336	9	48 37.63	32 21 49.0	680	138	
3337	9½	48 38.22	56 10 39.6	239	117	
3338	9	48 40.49	40 32 33.8	616	175	
3339	9	48 41.85	65 44 9.2	626	155	
3340	9	48 42.03	73 31 50.0	640	31	
3341	9½	48 42.04	59 51 17.4	284	155	
	9½	42.16	16.6	624	159	
3342	8	48 42.16	41 38 25.7	278	234	
	8	42.31	27.7	302	6	
3343	9	48 42.95	58 30 36.5	289	110	
3344	9½	48 43.06	60 7 32.1	633	174	
3345	7	48 43.06	55 23 38.6	638	71	
3346	9½	48 44.12	52 5 12.0	644	60	
3347	9½	48 44.64	39 9 48.4	616	178	
3348	8½	48 45.39	48 2 38.7	652	35	
3349	8½	48 46.18	61 52 56.4	679	142	s.pr.
3350	7	48 47.73	62 35 1.5	246	89	
3351	9	48 47.78	58 33 27.8	289	111	
3352	9½	48 48.07	31 46 38.9	659	52	
3353	8	48 48.31	70 10 52.9	190†	91	
	8½	48.39	52.6	642	45	
3354	8	48 48.71	61 52 52.3	679	141	n.sq.
3355	9	48 50.26	51 27 0.2	644	61	
3356	9	48 50.57	29 8 54.5	684	50	
3357	8½	48 53.26	27 2 28.7	301	30	
	9	53.35	26.2	686	46	
	9	53.46	27.5	295	22	
3358	9½	48 55.31	54 32 59.5	638	70	
3359	9½	48 56.01	53 8 13.8	656	14	
3360	9	48 56.19	49 30 23.9	644	62	
3361	9½	48 56.91	58 4 1.0	621	210	
3362	9	48 57.88	28 18 12.3	684	51	
	9	58.08	10.3	301	32	
3363	9	48 58.23	34 58 21.9	266	2	
	8½	58.44	23.8	254	102	
3364	9½	48 59.66	57 26 36.4	621	209	
3365	9½	49 3.75	56 13 10.2	239	116	
3366	8	49 4.14	65 42 40.7	626	159	
3367	7½	49 4.47	41 12 28.5	657	1	
3368	9	49 4.71	59 15 21.0	284	159	
3369	9	49 7.74	38 54 31.7	616	176	
	9	7.89	31.4	281	116	
3370	8	49 7.76	32 45 15.5	680	139	
3371	8½	49 7.85	36 35 29.6	266	1	
	8½	7.92	29.1	631	152	
3372	9	49 8.11	63 21 0.1	250	69	
	9	8.14	0.5	646	63	
3373	9	49 8.39	61 55 0.5	679	143	
3374	9	49 8.67	39 8 22.9	616	177	
	9	8.74	24.4	281	117	
3375	8	11 49 9.02	63 0 26.3	250	68	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3376	7	11 49 9.48	24 9 49.0	682	31	
	7	9.48	49.8	648	74	
	7	9.59	49.7	264	32	
3377	9	49 9.53	59 43 19.2	624	160	
	9	9.63	20.2	284	156	
	9	9.65	18.3	285	154	
3378	8½	49 9.59	59 18 19.4	284	158	
3379	9	49 9.61	28 4 46.7	684	52	
3380	9½	49 9.92	47 43 15.6	652	36	
3381	9	49 10.29	68 44 1.7	628	92	
3382	9	49 10.76	27 26 46.9	686	47	
3383	9½	49 12.17	62 30 59.6	246	90	
3384	8½	49 12.27	52 32 34.6	610	191	
3385	8½	49 12.46	41 37 48.1	278	235	
3386	9	49 13.74	55 18 11.3	638	72	
3387	9	49 14.44	53 44 58.9	656	16	
3388	9	49 14.58	71 7 51.9	642	46	
	8½	14.67	52.6	190†	92	
	8½	14.94	52.2	185†	47	
3389	8	49 15.88	61 30 1.0	679	144	
3390	9	49 16.20	45 29 32.6	257	51	
3391	9½	49 17.20	53 26 45.4	613	189	
3392	9½	49 17.57	58 55 30.5	289	112	
3393	9	49 18.08	44 52 22.0	257	53	
3394	6½	49 18.90	27 46 50.3	301	31	
	6½	18.95	49.9	686	49	
3395	9½	49 19.66	67 40 32.0	193†	102	
	9	19.83	31.4	628	88	
	9	19.89	32.9	628	91	
3396	8	49 20.72	51 3 56.4	644	65	
3397	9½	49 21.55	27 19 41.5	686	48	
3398	9½	49 24.37	62 30 44.5	246	91	
3399	9½	49 24.59	65 14 1.3	626	157	
	9	24.96	0.6	646	62	
3400	9½	49 24.71	60 7 40.5	633	175	
3401	9½	49 25.49	59 54 10.2	285	153	
	9½	25.60	10.9	624	161	
3402	8½	49 25.92	24 27 2.4	648	76	
	8	26.01	0.3	264	30	
3403	9	49 26.22	31 45 26.3	659	53	
3404	9	49 27.21	53 29 3.5	613	188	
3405	9	49 27.63	43 48 50.8	211	41	
3406	9½	49 27.88	59 55 48.3	624	162	
3407	9½	49 28.04	79 1 11.4	242	75	
3408	9	49 29.02	57 17 28.9	239	119	
3409	9	49 29.13	29 6 57.9	292	52	
	9	29.30	60.9	684	53	
	9	29.42	58.4	301	33	
3410	9½	49 32.22	26 45 0.3	295	23	
3411	9	49 32.41	50 11 40.9	644	63	
3412	8	49 32.71	67 51 12.3	628	90	
	8	32.76	12.4	193†	103	
3413	7	49 34.22	38 59 33.9	616	179	
	7	34.44	32.9	281	118	
3414	9½	49 34.57	52 13 20.9	610	192	
3415	7½	49 35.26	24 13 44.0	264	31	
	7½	35.37	42.9	648	75	
	7½	35.45	41.7	682	32	
3416	9	49 36.01	50 16 15.1	644	64	
3417	9½	49 37.71	33 32 30.9	254	103	
3418	9	49 39.20	55 52 37.9	638	74	
3419	9½	49 39.58	56 3 30.7	239	118	
3420	9	49 41.69	43 34 34.2	211	42	
3421	9	49 44.14	41 45 0.6	278	236	
	9	44.33	0.6	657	2	
3422	8½	49 44.46	51 0 1.1	644	66	
3423	9½	49 44.69	62 29 58.0	246	92	
3424	9	49 45.02	42 4 32.4	278	238	
3425	8	11 49 45.80	63 56 16.4	250	70	
	8	46.12	17.6	646	64	
3426	9	11 49 45.89	47 38 56.5	652	37	
3427	8½	49 46.14	31 31 50.3	659	54	
	8½	46.36	48.5	260	38	
3428	9½	49 46.30	67 4 57.6	626	161	
3429	9	49 47.04	59 30 52.5	284	161	
	9	47.32	51.1	284	157	
3430	9½	49 47.43	45 24 39.2	257	52	
3431	9½	49 49.45	58 34 31.7	289	113	
3432	9	49 51.38	55 40 4.7	638	76	
3433	9	49 51.71	55 44 52.2	638	73	
3434	8	49 52.12	49 9 59.5	652	38	
3435	8½	49 56.60	76 18 46.3	242	77	
3436	8½	50 1.62	30 29 35.6	292	54	
3437	8½	50 4.60	53 12 14.3	636	17	
	8½	4.63	13.2	613	190	
	8½	4.71	13.2	610	193	
3438	8½	50 7.79	48 5 59.0	652	39	
3439	9	50 8.53	31 29 59.2	659	55	
	9	8.86	57.8	260	39	
3440	9½	50 9.21	69 0 11.1	193†	105	
	8½	9.34	11.3	642	47	
	9	9.44	11.1	628	94	
3441	8½	50 9.91	63 51 5.8	250	71	
	8½	10.07	7.9	646	65	
3442	9½	50 10.27	25 44 56.2	295	25	
	9	10.27	58.4	648	78	
3443	8½	50 10.89	58 7 30.4	621	215	
	9	11.16	29.6	289	117	
3444	9	50 10.91	25 50 28.3	295	24	
	8½	11.06	29.5	648	77	
	8½	11.08	28.4	686	51	
3445	9½	50 10.92	30 21 48.1	292	53	
	9½	11.07	50.7	659	58	
3446	9½	50 11.83	61 14 59.9	270	24	
3447	9½	50 13.06	58 42 46.0	289	114	
3448	9½	50 15.89	57 44 16.3	621	211	
3449	9	50 15.92	39 39 54.7	616	180	
3450	8½	50 16.65	50 50 51.3	644	67	
3451	9	50 16.85	55 41 29.0	638	75	
3452	9½	50 17.12	33 54 14.7	680	140	
3453	9½	50 17.99	36 35 33.8	631	154	
3454	9	50 18.81	70 57 20.6	190†	93	
	9	19.13	23.2	642	49	
	9	19.14	25.9	583	54	
	9	19.30	20.3	190†	95	
3455	9½	50 19.00	65 45 14.6	626	158	
3456	8	50 19.39	44 51 2.8	211	43	
	8½	19.41	2.4	257	54	
3457	9	50 20.88	35 48 0.7	266	3	
	9	20.95	0.8	631	153	
3458	9	50 20.95	62 34 4.8	246	94	
3459	8	50 22.84	31 34 17.5	659	56	s.pr.
	8	23.05	17.8	260	40	
3460	9½	50 24.17	27 55 20.1	686	50	
3461	9½	50 24.18	60 32 14.4	633	176	
3462	8	50 24.26	31 34 15.7	659	57	n.sq.
	8	24.58	15.0	260	41	
3463	9	50 24.32	45 0 23.9	211	44	
3464	9½	50 25.09	67 4 0.3	626	160	
3465	8½	50 26.48	42 13 42.9	302	7	
	8½	26.51	43.3	278	237	
	9	26.56	41.7	657	3	
3466	10	50 27.78	39 43 46.7	616	182	
3467	9	50 27.80	37 37 56.2	281	119	
	9	27.80	57.2	281	120	
3468	9	50 28.04	27 27 1.6	301	34	
3469	9½	50 28.88	39 41 18.1	616	181	
3470	9½	50 31.06	59 0 16.0	289	115	
3471	9	50 33.48	52 48 39.8	610	194	
3472	9	11 50 34.11	47 57 42.9	652	43	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3473	8½	11 50 34.39	69 27 35.5	642	48	
3474	9½	50 34.91	61 6 13.4	270	23	
3475	8½	50 35.27	53 47 57.0	656	19	
3476	9½	50 36.59	61 54 49.2	679	145	
3477	8½	50 36.62	57 43 10.0	621	212	
3478	9	50 37.97	59 9 28.1	284	160	
3479	9	50 39.33	68 37 59.6	628	95	
	9	39.35	57.5	193†	104	
	9	39.38	59.8	628	93	
3480	9½	50 39.54	60 47 52.2	270	27	
3481	9	50 39.60	57 37 17.5	621	213	
	9	39.88	19.9	239	123	
3482	7½	50 40.52	24 47 2.8	264	33	
	8	40.53	2.8	682	33	
3483	8	50 42.46	62 33 10.5	246	93	
3484	6½	50 43.08	32 37 8.9	680	141	
	6½	43.13	7.5	260	42	
3485	8½	50 43.18	50 54 17.1	644	68	
3486	9½	50 43.81	60 17 17.6	285	155	
3487	9	50 44.62	57 10 37.4	239	120	
3488	8	50 45.20	34 12 12.7	254	104	
3489	7	50 45.27	51 24 14.9	644	70	
3490	9½	50 46.22	60 45 18.0	270	28	
3491	9½	50 48.09	62 26 10.7	246	96	
3492	8½	50 51.32	57 45 31.7	621	214	
3493	9½	50 51.97	35 23 8.6	631	155	
3494	9	50 53.93	46 16 2.7	257	56	
3495	7½	50 54.62	34 29 48.7	254	105	
3496	9½	50 54.97	25 53 52.0	295	26	
	9	54.97	48.6	686	52	
	9	54.97	49.3	648	79	
3497	9	50 57.73	25 27 3.1	295	28	
3498	7½	50 57.89	48 2 48.7	652	40	
3499	9	50 59.20	57 21 24.4	239	121	
	9	59.45	25.2	239	124	
3500	9	50 59.62	47 55 57.3	652	42	
3501	9	51 0.64	65 53 50.8	626	163	
3502	8½	51 0.68	40 51 22.5	278	239	
	9	0.88	22.9	616	183	
	8½	0.97	19.7	657	4	
3503	9	51 1.21	53 10 13.8	656	18	
3504	9	51 4.90	50 44 10.7	644	69	
3505	9	51 4.94	62 26 57.5	246	97	
	9	5.00	57.2	246	95	
3506	9	51 5.27	55 41 25.7	638	80	
	9	5.49	24.0	638	77	
3507	9	51 6.44	30 48 59.0	292	55	
	9	6.58	58.7	659	59	
3508	8	51 7.77	47 57 45.1	652	41	
3509	9½	51 8.18	38 31 5.1	281	122	
3510	9	51 8.69	63 54 23.7	646	67	
	9	8.79	22.6	250	72	
3511	7	51 9.73	26 21 29.8	686	54	
3512	7½	51 9.80	60 25 36.6	633	177	
	7½	9.95	35.4	270	25	
	7½	10.09	36.4	285	156	
3513	7½	51 10.03	37 47 59.6	281	121	
3514	8½	51 11.01	23 58 31.8	682	34	
	8	11.03	31.0	264	34	
3515	9	51 11.22	25 50 3.8	295	27	
	9	11.25	4.8	648	80	
	9	11.30	4.3	686	53	
3516	8	51 14.44	32 15 43.0	680	142	
	8	14.64	41.7	260	43	
3517	9	51 16.49	54 7 7.7	656	20	
	9	16.57	8.2	656	22	
3518	7½	51 17.53	79 47 53.4	242	74	
3519	9½	51 18.48	57 27 53.8	239	122	
3520	9	11 51 18.49	60 51 12.3	270	26	
3521	9	11 51 20.58	63 44 24.9	250	73	
	9	20.78	25.3	646	66	
3522	9½	51 21.72	58 52 14.0	284	166	
	9½	21.90	13.7	289	119	
	9	22.00	12.5	289	116	
3523	8½	51 22.19	36 57 15.6	631	157	
	8½	22.22	12.8	266	4	
3524	9½	51 24.04	38 37 29.1	281	123	
3525	6	51 24.08	61 45 7.8	679	146	
3526	9	51 25.03	24 5 37.1	682	35	
3527	9	51 25.76	44 38 36.9	211	45	
3528	9½	51 26.19	67 32 36.4	193†	107	
3529	9	51 27.58	46 5 22.6	257	55	
3530	9½	51 28.44	61 40 48.6	679	148	
3531	7½	51 29.16	59 45 19.4	284	162	
	7½	29.37	20.5	624	164	
	7½	29.39	17.9	285	157	
3532	8	51 29.75	43 1 26.1	657	5	
	7½	29.77	26.0	302	8	
3533	9½	51 32.27	29 58 16.1	684	54	
3534	9	51 32.76	65 26 45.6	626	164	
3535	9	51 33.56	40 52 28.7	616	184	
3536	8½	51 33.61	23 48 30.7	682	36	
	8	33.68	28.8	264	35	
	8	33.77	30.5	648	81	
3537	9½	51 33.98	59 45 50.1	285	158	
	9½	34.22	48.5	624	163	
3538	9	51 34.35	30 40 27.6	659	60	
3539	9½	51 34.56	61 46 14.0	679	147	
3540	9	51 38.87	47 21 57.6	652	46	
3541	8½	51 38.98	74 40 50.1	185†	49	
	8½	39.21	52.1	640	32	
3542	9	51 39.95	55 47 55.3	638	78	dpl. I.
3543	9	51 40.71	36 46 4.5	631	156	
3544	7	51 42.62	30 57 12.0	659	61	
	7	42.64	14.3	292	56	
	7	42.90	13.5	260	45	
3545	7	51 44.17	26 59 22.6	686	55	
	7	44.33	24.2	295	29	
	7	44.34	22.1	301	35	
3546	9½	51 44.49	38 36 59.0	281	124	
3547	8½	51 47.35	71 5 7.9	190†	94	
	8½	47.53	14.2	661	2	
	8½	47.56	9.3	642	50	
	8½	47.76	9.2	185†	50	
3548	8	51 48.51	58 53 47.1	289	121	
	8	48.69	48.2	284	165	
3549	8½	51 49.14	54 50 9.4	638	83	
3550	9½	51 50.58	27 57 41.6	684	55	
3551	8	51 51.01	23 13 36.4	682	37	
3552	9	51 52.44	71 42 2.2	185†	51	
3553	9½	51 54.27	66 23 42.7	626	162	
3554	6	51 56.72	55 37 16.1	638	79	
3555	7	51 57.16	47 16 41.2	652	44	
3556	8	51 57.26	38 56 12.6	281	125	dpl. II.
3557	7	52 0.04	40 15 7.2	616	187	
3558	9½	52 0.35	58 35 47.5	289	118	
3559	9½	52 1.05	35 17 49.1	266	5	
	9½	1.22	49.5	631	158	
3560	9	52 1.12	54 32 32.1	656	21	
3561	8	52 3.00	59 3 31.2	284	164	
	7½	3.27	31.6	289	122	
3562	9½	52 3.63	63 50 34.1	250	74	
3563	9	52 3.77	57 17 29.2	239	125	
3564	9	52 4.59	32 26 44.9	260	44	
	9	4.69	46.0	680	143	
3565	8½	52 6.54	49 33 25.5	644	72	
3566	9½	52 6.70	57 17 52.2	239	126	
3567	10	11 52 6.71	23 8 11.7	682	38	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3568	9	11 52 7.60	68 51 14.4	193†	106	
	9	7.68	17.0	628	96	
	9	7.84	16.4	642	52	
3569	8½	52 8.09	47 9 17.2	257	57	
	8½	8.13	17.2	652	45	
3570	9	52 9.43	60 52 1.4	270	29	
3571	9	52 9.97	54 16 35.1	656	24	
3572	9½	52 10.00	57 17 44.8	239	127	
3573	9½	52 12.44	59 9 16.5	284	169	
	9½	12.46	16.1	284	163	
3574	9	52 14.07	54 5 23.1	656	23	
3575	7½	52 14.79	42 44 28.6	302	9	
3576	9½	52 14.99	58 55 29.2	289	123	
3577	7	52 15.67	70 2 37.6	642	51	
	7	15.75	37.8	190†	96	
	7	15.82	38.1	661	1	
3578	9	52 15.92	41 13 0.4	657	8	
3579	9	52 16.67	60 28 14.0	633	178	
3580	9½	52 18.79	63 56 0.1	646	69	
3581	8	52 19.16	52 44 58.5	656	26	
3582	8	52 19.81	52 4 18.9	644	71	
	7½	19.90	21.3	656	25	
3583	9	52 19.89	57 31 27.8	621	216	
3584	9	52 19.89	58 55 15.0	284	167	
	8½	20.23	15.6	289	120	
3585	9½	52 20.38	59 57 29.4	624	165	
	9½	20.48	30.8	285	160	
3586	9	52 21.81	26 44 32.8	686	56	
3587	9½	52 22.23	24 22 29.2	648	82	
3588	9	52 23.31	41 3 1.9	657	6	
	9	23.37	2.8	616	185	
3589	9½	52 24.67	59 46 50.1	624	166	
	9½	24.86	50.1	285	159	
3590	8	52 25.83	47 56 46.3	652	47	
3591	9	52 27.94	55 31 8.8	638	81	
3592	7	52 28.01	77 7 43.2	242	76	
3593	9½	52 29.08	35 42 59.8	631	159	
	9½	29.29	55.2	266	6	
3594	9	52 29.90	58 57 6.9	284	168	
3595	6½	52 30.29	63 38 36.1	646	71	
	6½	30.43	34.4	250	76	
3596	9	52 30.75	38 55 18.0	281	126	
3597	9	52 31.13	41 10 41.4	657	7	
3598	9	52 31.33	30 17 33.8	659	62	
3599	6½	52 32.06	25 12 45.2	648	83	
	6½	32.08	42.6	295	30	
	6½	32.16	40.7	264	36	
3600	8½	52 32.40	42 41 10.5	302	10	
3601	9	52 33.60	62 16 41.7	246	98	
3602	9	52 33.85	42 56 51.9	211	46	
	9	34.09	56.3	657	9	
3603	9	52 34.22	63 53 48.1	646	68	
	9	34.25	47.3	250	75	
3604	9½	52 34.38	73 54 52.6	640	33	
3605	9½	52 36.04	40 50 36.6	616	186	
3606	9½	52 36.94	57 16 40.9	239	129	
3607	9	52 37.46	63 47 57.1	646	70	
3608	9½	52 40.02	61 0 57.5	270	31	
3609	9	52 40.53	61 28 31.5	679	149	
3610	9	52 41.85	54 39 7.8	638	84	
3611	9	52 42.26	25 3 52.0	648	84	
	9	42.41	49.3	264	37	
	9	42.44	51.3	682	39	
3612	8½	52 43.12	47 38 47.0	652	48	
3613	8	52 43.93	57 44 57.8	621	217	
3614	9	52 45.56	54 44 5.8	638	82	
3615	8	52 48.73	73 18 41.9	185†	52	
	8	48.76	43.4	640	34	
3616	7	11 52 50.03	45 8 7.2	257	58	
3617	6½	11 52 50.59	51 0 1.1	644	73	
3618	9	52 53.62	28 54 47.8	292	58	
3619	8½	52 53.73	64 36 9.6	646	73	
3620	9½	52 54.65	27 56 19.0	686	57	
3621	9½	52 54.76	68 44 48.1	628	98	
3622	9½	52 55.09	62 4 51.1	246	100	s.pr.
	9	55.11	51.5	679	151	
3623	9	52 55.76	62 4 42.8	679	152	n.sq.
3624	9½	52 57.64	65 17 42.5	626	165	
3625	9½	52 58.95	31 42 10.0	659	63	
	9	59.20	10.3	260	46	
3626	9	52 59.25	34 27 10.5	254	106	
3627	7	52 59.89	29 21 54.2	292	57	
3628	9½	52 59.93	68 46 35.1	628	97	
3629	8½	53 0.08	60 33 26.7	633	179	
	9	0.10	25.8	285	162	
3630	9	53 0.45	39 50 53.6	616	188	
3631	9½	53 1.16	60 6 44.2	633	181	
3632	9	53 6.58	61 9 15.7	270	30	
3633	9	53 7.13	28 15 4.1	684	56	
3634	7	53 7.17	62 8 4.4	679	150	
	7	7.29	5.7	246	99	
3635	9	53 9.11	28 30 49.1	684	57	
3636	7½	53 9.99	34 36 44.4	254	107	
3637	9½	53 11.86	32 15 0.6	260	47	
3638	9	53 12.29	64 41 56.8	646	72	
3639	7	53 13.44	45 56 11.8	257	59	
3640	8½	53 13.64	50 57 33.1	644	74	
3641	9	53 16.88	50 57 45.6	644	75	
3642	9	53 17.87	57 38 50.6	621	218	
3643	8	53 18.68	38 48 45.0	281	127	
3644	9½	53 19.83	77 11 25.5	242	78	
3645	9½	53 19.98	35 47 21.2	631	160	
3646	8	53 20.36	47 32 35.7	652	50	
3647	8½	53 21.49	60 6 24.5	633	180	
	8½	21.52	25.0	624	168	
	8½	21.70	22.7	285	161	
3648	9	53 22.35	28 48 16.4	684	58	
3649	8½	53 22.87	38 30 0.6	281	128	
3650	9	53 23.42	29 54 8.4	659	64	
3651	9½	53 24.61	58 56 53.1	289	124	
3652	9	53 24.62	34 52 51.7	254	108	
3653	5	53 26.87	77 31 32.2	242	80	
3654	8½	53 29.54	62 8 8.2	246	101	
3655	7	53 31.05	35 27 4.2	266	7	
3656	8	53 31.11	67 38 16.3	193†	108	
	8	31.33	16.7	628	100	
	7½	31.67	18.7	273	1	
3657	9½	53 31.37	62 12 24.7	246	102	
3658	9½	53 31.87	59 50 40.5	624	167	
3659	8	53 32.01	47 36 39.4	652	49	
3660	9	53 32.12	41 3 19.7	616	189	
	8½	32.46	19.2	657	11	
3661	9½	53 32.45	33 9 49.0	680	144	
	9	32.67	47.5	260	48	
3662	8½	53 35.17	48 2 39.9	652	54	
3663	9½	53 35.86	36 43 37.3	631	161	
3664	9	53 36.02	69 11 17.4	190†	97	
	8½	36.10	21.3	661	6	
	9	36.20	15.6	642	53	
3665	8½	53 36.75	41 23 45.7	657	10	
3666	8½	53 37.01	77 29 59.8	242	81	
3667	9	53 37.82	54 53 24.0	638	85	
3668	9	53 38.72	57 54 15.9	621	219	
3669	10	53 39.08	61 18 17.6	270	32	
3670	9	53 39.11	26 49 5.1	301	36	
	10	39.22	5.1	295	31	
3671	8½	53 42.72	49 39 38.7	644	76	
3672	9½	11 53 43.10	58 11 33.4	621	220	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3673	8	11 53 43.96	46 5 3.9	257	60	
3674	9	53 46.32	26 24 22.2	295	32	
	8½	46.35	22.8	686	58	
3675	9	53 46.73	48 4 34.0	652	53	
3676	9	53 46.74	54 33 33.5	638	87	
3677	7	53 47.32	61 51 52.5	679	153	
3678	7½	53 47.88	44 9 49.7	211	47	
3679	9	53 49.88	24 34 51.0	264	38	
	9½	50.03	52.2	682	40	
3680	9½	53 50.33	67 4 46.0	193†	110	
	9	50.79	44.8	628	99	
3681	9	53 50.87	29 1 57.4	684	59	
	8½	50.90	58.4	292	59	
	9	51.05	57.8	301	37	
3682	8	53 51.35	70 20 24.0	661	3	
	8½	51.66	23.8	190†	99	
3683	9½	53 52.62	65 33 23.9	626	167	
3684	8	53 52.66	52 9 28.8	644	77	
3685	7	53 53.04	77 29 48.0	242	79	
3686	9½	53 53.17	64 34 7.6	646	74	
3687	8½	53 53.51	36 3 0.7	631	162	dpl. II. pr.
3688	9	53 53.68	65 22 52.2	626	166	
3689	9	53 54.03	56 45 45.8	239	131	
3690	7½	53 54.62	35 35 14.5	266	8	
3691	9	53 55.85	66 22 0.3	626	168	
3692	7½	53 57.90	46 57 31.0	257	61	
	7½	58.04	33.0	652	51	
3693	8½	53 58.19	60 40 16.9	270	35	dpl. II. n. pr.
3694	8	53 58.33	35 51 58.7	631	163	
	8	58.35	57.8	266	9	
3695	8	53 58.66	53 13 38.0	656	28	
3696	9	54 1.02	25 40 25.7	648	85	
	9½	1.17	25.0	295	33	
3697	8	54 1.21	29 54 20.6	659	65	
	8	1.35	21.8	684	61	
	7½	1.38	21.0	292	61	
3698	8	54 1.56	29 38 25.0	292	60	
	8	1.63	25.7	684	60	
3699	9½	54 2.22	34 4 39.3	254	109	
3700	9½	54 3.03	61 21 31.1	270	33	
3701	9	54 3.87	67 39 24.4	193†	109	
	9	3.93	26.4	628	101	
	8½	4.18	28.5	273	2	
3702	9½	54 4.77	62 32 20.4	246	104	
3703	8½	54 5.25	23 45 44.3	264	39	n. pr.
	8½	5.44	41.8	682	41	
3704	9	54 5.68	23 45 52.9	264	40	s. sq.
	9	5.78	54.1	682	42	
3705	8½	54 5.74	53 8 31.1	656	27	
3706	9½	54 8.12	59 5 18.5	284	171	
3707	9½	54 8.51	59 59 47.4	624	169	
3708	8½	54 10.41	69 27 35.5	661	5	
	9	10.44	32.5	642	54	
	9	10.67	33.4	190†	98	
3709	9	54 11.87	69 37 60.0	661	7	
	9	11.91	58.9	661	4	
3710	9	54 12.12	59 15 34.6	284	170	
	8½	12.18	36.2	284	173	
3711	10	54 16.06	49 32 13.3	652	55	
3712	8½	54 17.19	56 55 19.7	239	134	
3713	8½	54 18.10	53 21 25.0	656	29	
3714	9	54 20.31	38 20 53.9	281	129	
3715	8½	54 22.38	26 41 24.6	686	60	
3716	10	54 22.66	61 19 33.6	270	34	
3717	9	54 22.68	57 16 49.2	239	128	
3718	9½	54 24.11	39 39 28.7	616	190	
3719	9½	54 25.54	62 25 19.3	246	103	
3720	9	54 25.76	29 0 26.1	684	63	
3721	8½	11 54 25.96	36 47 1.1	266	10	
	8½	26.03	2.9	631	164	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3722	9½	11 54 27.67	26 25 14.2	686	59	
3723	8½	54 28.86	57 22 28.4	239	130	
3724	8	54 28.87	47 42 22.2	652	52	
3725	9½	54 29.87	58 4 16.9	621	221	
3726	9½	54 30.11	60 44 47.8	270	36	
3727	9	54 31.98	54 57 38.9	638	86	
3728	9½	54 34.35	77 28 10.4	242	82	
3729	8½	54 34.64	55 23 50.1	638	91	
3730	8	54 34.70	31 19 36.8	659	66	
	8	34.76	31.5	260	49	
3731	8½	54 37.50	25 47 2.5	295	34	
	8	37.52	2.1	648	86	
3732	9	54 37.73	66 11 51.4	626	170	
3733	9	54 38.05	29 0 13.6	684	62	
	9	38.09	13.1	301	38	
3734	9½	54 40.22	58 53 45.9	284	172	
	9	40.59	43.0	289	125	
3735	9	54 40.44	54 32 38.4	638	88	
	8½	40.77	41.2	656	32	
3736	9½	54 41.00	58 56 41.2	289	127	
3737	9½	54 41.16	57 3 48.9	239	136	
3738	8½	54 42.52	68 29 29.5	628	103	
3739	9½	54 42.64	58 50 13.7	289	126	
3740	9	54 43.96	38 20 13.3	281	131	
	8½	43.98	13.7	281	130	
3741	9½	54 45.37	31 40 6.7	659	67	dpl. III.
3742	9	54 49.34	54 41 20.8	638	90	
	9	49.66	19.4	656	30	
3743	9	54 49.49	60 14 52.6	633	182	
	9½	49.83	51.2	285	163	
3744	9½	54 49.77	61 55 5.5	679	154	
3745	10	54 50.61	39 51 19.4	616	191	
3746	9	54 50.78	63 33 7.1	646	75	
3747	9	54 51.06	57 2 13.7	239	135	
3748	9	54 52.74	28 34 49.4	684	64	
3749	9½	54 54.04	78 10 50.2	242	83	
3750	9½	54 54.08	23 13 43.3	682	43	
3751	9½	54 55.68	60 42 37.1	270	38	
3752	9½	54 58.60	60 7 0.0	633	183	
3753	9	54 58.65	63 23 9.1	646	76	
3754	9	55 0.80	54 33 32.5	656	31	
	9	0.86	33.4	638	89	
3755	7	55 1.82	33 21 12.7	680	145	
	7	1.91	12.5	254	110	
3756	8½	55 2.56	61 54 48.3	679	155	
3757	8½	55 3.08	70 31 48.9	190†	100	
	9	3.38	49.5	190†	102	
3758	9½	55 3.35	58 9 12.3	621	223	
3759	9	55 5.07	58 12 46.7	621	222	
3760	10	55 5.52	60 39 31.1	270	37	
3761	9	55 7.33	57 30 57.7	239	137	
	8½	7.35	57.6	621	224	
3762	6½	55 7.93	56 48 24.8	239	133	
3763	9	55 9.64	67 13 8.1	193†	112	
	8½	9.74	10.5	273	4	
3764	9½	55 9.65	59 39 4.9	624	170	
	9	9.89	4.2	285	164	
3765	9½	55 10.03	62 32 6.6	246	105	
3766	9	55 11.61	49 16 38.2	652	57	
3767	9	55 12.32	33 26 38.6	680	146	
	9	12.37	38.9	254	111	
3768	9½	55 14.69	45 18 31.7	257	62	
3769	9½	55 14.93	35 9 34.0	631	166	
3770	8½	55 15.26	64 1 39.0	646	78	
3771	9	55 15.95	62 52 1.7	250	77	
3772	9	55 17.02	34 53 13.6	631	165	
3773	9½	55 17.18	56 49 24.9	239	132	
3774	9	55 18.10	51 31 22.1	644	78	
3775	8½	55 18.12	51 6 41.5	644	82	
3776	9½	11 55 18.54	51 31 58.0	644	79	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.
		h m s	° ′ ″		
3777	9	11 55 19.87	31 55 47.6	659	68
	8½	20.01	46.2	260	52
3778	7	55 21.37	41 7 55.5	302	11
	7½	21.47	56.1	657	12
3779	8½	55 21.88	31 30 39.0	659	70
	8½	22.23	36.8	260	50
3780	8	55 22.33	47 30 46.6	652	59
3781	9	55 22.45	73 25 26.5	640	35
3782	8	55 22.77	69 42 41.7	661	8
3783	8½	55 22.90	78 17 27.2	242	84
3784	7	55 23.04	68 30 3.8	628	102
3785	8½	55 23.43	61 49 44.6	679	156
3786	8½	55 23.71	31 31 61.9	659	69
	8½	23.98	59.8	260	51
3787	7	55 24.48	33 57 16.6	680	147
3788	10	55 25.27	40 27 2.4	616	192
3789	9	55 26.10	65 34 19.8	626	169
3790	9½	55 27.18	60 9 27.7	633	184
3791	9½	55 28.39	27 29 28.2	301	39
3792	7	55 30.76	72 36 4.8	185†	54
3793	9	55 31.85	25 46 33.2	648	88
3794	9½	55 32.08	58 56 9.7	289	128
3795	9	55 32.14	60 4 32.4	624	171
	8½	32.18	35.7	633	186
	8½	32.25	32.3	285	165
3796	9	55 32.93	51 27 27.5	644	80
3797	9½	55 33.13	59 17 8.5	284	175
3798	10	55 35.92	60 4 38.5	285	167
3799	9½	55 36.10	60 7 57.4	285	166
	9½	36.16	58.1	624	172
	9½	36.45	60.0	633	185
3800	8½	55 36.94	49 28 3.2	652	56
3801	9	55 37.64	29 47 29.1	684	65
3802	8	55 38.26	26 4 21.5	686	61
	8	38.32	22.8	295	35
	8	38.37	21.1	648	87
3803	9½	55 40.05	32 54 1.4	254	112
3804	9½	55 40.78	43 42 39.2	211	48
3805	8½	55 40.83	51 7 29.2	644	83
3806	8½	55 42.93	72 47 36.3	185†	53
3807	9½	55 45.91	35 59 47.2	266	11
3808	9½	55 45.95	51 27 16.1	644	81
3809	9½	55 46.20	67 26 39.7	273	5
3810	8	55 46.79	64 6 7.2	646	79
3811	9½	55 47.00	39 7 53.3	281	132
3812	8	55 49.57	29 54 35.3	292	62
	8	49.74	37.1	684	66
3813	9	55 49.76	26 57 2.7	686	63
	9	49.79	1.9	301	40
3814	8½	55 50.75	23 3 58.3	264	41
3815	8	55 51.94	67 9 19.9	273	3
	8½	52.03	20.0	193†	111
	8½	52.12	19.5	626	172
3816	9	55 51.95	62 48 33.0	250	79
3817	7½	55 52.50	51 49 59.3	656	33
3818	9	55 52.91	48 1 41.2	652	58
3819	9	55 53.00	26 26 41.6	686	62
	9½	53.18	43.5	295	36
3820	9½	55 53.20	31 31 23.5	659	71
3821	9	55 53.63	51 57 28.1	656	34
3822	8½	55 54.04	62 46 26.9	250	78
3823	9½	55 55.33	58 30 17.0	289	129
3824	9	55 55.97	55 43 33.1	638	92
	9	55.98	32.2	638	94
3825	9½	55 57.51	45 28 11.8	257	63
3826	9	55 57.62	54 52 2.5	638	97
3827	8½	55 58.17	25 44 31.8	648	89
3828	9½	11 55 58.69	31 48 26.7	659	72
	9½	59.04	25.1	260	53
3829	9½	11 55 59.23	59 17 27.7	284	174
	9	59.42	30.7	284	177
3830	9	55 59.28	34 15 14.2	254	114
3831	9½	56 0.67	60 45 19.1	270	39
3832	7½	56 1.50	61 43 1.7	679	157
	8	1.63	3.6	679	160
3833	9	56 1.53	66 11 32.7	626	171
	9	1.56	34.3	626	173
3834	9	56 2.87	63 33 19.0	646	77
3835	9	56 4.79	57 32 48.0	239	138
	9	4.89	48.1	621	225
3836	8½	56 6.52	23 21 46.0	682	44
3837	8½	56 7.03	68 41 41.7	628	105
3838	7	56 7.32	70 47 32.3	190†	101
	7	7.80	35.3	661	10
3839	8½	56 8.21	55 51 52.3	638	93
3840	9½	56 8.62	35 12 5.5	266	12
	9½	8.88	7.5	631	167
3841	8	56 9.14	38 19 56.5	281	133
3842	7½	56 9.24	54 50 8.6	638	98
3843	9	56 12.06	60 30 50.4	270	40
3844	9½	56 12.80	58 38 25.5	289	130
3845	9	56 13.36	73 56 37.4	640	36
3846	9	56 13.61	25 40 8.9	648	90
3847	8½	56 13.88	74 4 53.0	640	37
3848	8	56 14.78	70 9 44.4	190†	104
	8	14.89	46.1	661	9
3849	6½	56 15.67	68 29 42.6	628	104
3850	9	56 17.52	41 5 28.3	657	13
3851	8½	56 19.12	57 23 47.1	239	139
	9	19.21	46.9	621	226
3852	10	56 21.09	45 42 27.8	257	65
3853	9½	56 21.96	33 51 5.0	680	148
	9	22.25	5.1	254	113
3854	8½	56 24.12	35 12 46.6	266	13
	8½	24.31	48.0	631	168
3855	9	56 24.90	67 24 5.5	273	7
	9½	24.97	4.4	193†	114
3856	9½	56 25.79	59 28 51.5	284	176
3857	9	56 25.89	60 13 38.2	285	168
	9	25.90	37.6	633	188
	9	25.97	36.8	624	173
3858	9½	56 26.33	45 41 31.5	257	64
3859	9	56 28.20	65 14 2.9	626	175
3860	9	56 32.14	40 51 44.8	616	194
3861	8	56 32.36	41 28 21.1	302	12
	8	32.38	21.1	657	14
3862	7	56 32.61	61 28 42.6	679	158
3863	9½	56 33.46	39 51 22.7	616	193
3864	9	56 33.71	68 37 15.0	628	106
3865	9	56 34.67	57 23 51.9	621	227
3866	8	56 34.87	61 58 32.4	679	159
3867	9	56 37.50	60 13 9.9	624	174
	8½	37.57	10.2	285	169
	8½	37.60	10.1	633	187
3868	7½	56 37.53	30 59 44.4	292	63
	7½	37.61	40.2	659	73
	7½	37.92	41.5	260	55
3869	10	56 37.66	47 32 59.9	652	61
3870	8	56 37.73	42 38 30.8	302	13
3871	8½	56 38.11	27 33 43.2	686	64
	8½	38.13	44.1	301	41
3872	7½	56 38.87	54 29 57.2	638	99
	8	39.16	55.5	656	35
3873	9	56 39.10	48 34 31.6	652	63
3874	9½	56 39.46	70 14 9.3	190†	103
3875	10	56 39.51	67 26 52.9	193†	115
	9	39.61	54.6	273	6
3876	7½	11 56 40.08	48 57 27.4	652	64

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3877	5	11 56 40.45	62 37 1.9	246	106	
3878	9	56 40.67	38 5 29.9	281	135	
3879	9	56 40.72	65 30 48.6	626	176	
3880	9	56 41.40	62 44 48.4	250	81	
3881	9½	56 41.53	61 18 2.9	270	41	
3882	7	56 42.63	47 29 54.9	652	60	
3883	8½	56 43.08	37 55 26.7	281	136	
3884	9	56 43.17	45 49 51.1	257	66	
3885	8	56 43.81	38 8 47.1	281	134	
3886	9	56 45.81	55 0 41.0	638	96	
3887	8	56 46.53	65 8 14.3	626	174	
3888	9	56 46.73	74 14 46.3	640	38	
3889	8	56 46.78	28 33 53.9	684	67	
	8	46.83	54.9	301	42	
3890	9	56 47.56	59 40 38.2	624	176	
	9	47.59	37.8	284	179	
	9½	47.67	39.0	284	180	
3891	9½	56 48.60	58 58 9.0	289	131	
	9½	48.74	7.9	284	178	
3892	8½	56 48.73	48 29 36.7	652	62	
3893	9½	56 49.36	34 16 2.1	254	115	
3894	8½	56 49.54	63 39 18.7	646	81	
3895	9	56 51.36	35 50 15.2	266	14	
3896	9	56 52.73	57 12 11.6	239	140	
3897	9	56 54.58	30 34 19.7	292	64	
3898	9½	56 55.20	32 18 29.0	260	54	
3899	9	56 55.88	55 6 21.1	638	95	
3900	7½	56 57.70	54 37 36.5	656	36	
	7½	57.76	37.4	638	100	
3901	7½	56 59.55	61 59 59.4	679	161	
3902	9	57 0.88	71 38 45.0	185†	56	
3903	8	57 1.34	30 48 48.3	659	74	
	8	1.35	51.7	292	65	
	8	1.45	50.6	260	56	
3904	8	57 4.55	62 45 48.5	250	80	
3905	9½	57 4.83	33 54 24.4	680	149	
3906	9½	57 7.11	43 45 11.9	211	49	
3907	8½	57 7.21	71 29 48.7	185†	55	
3908	8	57 8.08	60 24 6.5	633	190	
	8	8.37	5.9	285	171	
3909	8	57 8.70	31 33 43.5	659	75	
3910	9½	57 10.22	59 48 2.5	624	177	
3911	5½	57 11.65	41 44 0.5	302	14	
	6	11.66	2.7	657	15	
3912	8½	57 11.96	60 22 51.5	633	192	
	8½	12.20	47.7	285	172	
3913	8½	57 13.01	60 15 5.7	633	191	
	8½	13.08	7.5	624	178	
	8½	13.12	3.6	285	170	
	8½	13.14	3.2	633	189	
	8½	13.26	5.0	624	175	
3914	8½	57 13.62	53 59 47.5	656	37	
3915	8½	57 14.18	56 53 42.4	239	141	
3916	8½	57 14.58	31 42 51.5	659	77	
3917	9	57 15.68	30 10 3.3	684	68	
3918	8½	57 15.90	67 36 23.4	193†	113	
	8½	16.00	24.2	273	8	
	8½	16.12	25.0	628	109	
3919	7	57 16.06	38 18 41.1	281	137	
3920	9½	57 17.80	45 53 31.5	257	67	
3921	9	57 18.73	28 59 30.5	301	43	
3922	9	57 19.14	58 2 59.0	621	228	
3923	7	57 19.58	73 31 2.9	640	39	
3924	9	57 20.18	59 3 19.2	289	132	
3925	8	57 20.48	43 25 35.2	211	51	s.pr.
3926	9	57 20.72	49 6 59.3	652	65	
3927	8½	57 22.11	43 25 17.3	211	50	n.sq.
3928	8½	11 57 22.38	57 2 47.6	239	142	
3929	7½	11 57 23.27	54 1 0.9	656	38	
3930	9	57 25.47	46 43 39.5	257	68	
3931	9	57 25.78	23 42 54.1	682	45	
3932	8	57 26.02	31 45 23.9	659	76	
3933	7	57 27.82	52 48 9.8	656	40	
3934	8½	57 28.05	34 6 44.3	680	150	
	8	28.25	43.5	254	116	
3935	9½	57 28.20	36 56 23.5	266	15	
3936	9½	57 29.23	40 38 35.3	616	196	
3937	8½	57 31.05	50 6 43.3	644	84	
3938	9	57 34.04	29 55 42.2	292	66	
	9	34.05	44.0	684	69	
3939	9	57 35.08	58 1 33.2	621	229	
3940	9	57 36.57	57 39 57.7	621	230	
3941	8	57 39.20	63 50 32.8	646	80	
3942	7½	57 39.98	41 0 46.5	302	15	
	8	39.99	47.7	616	197	
	8	40.05	44.7	616	195	
	8	40.06	46.4	657	16	
3943	9	57 40.97	46 40 13.2	257	69	
3944	10	57 41.94	23 36 28.2	682	46	
3945	9	57 43.08	64 30 33.0	646	82	
3946	7½	57 43.21	68 49 31.6	190†	107	
	7	43.28	31.7	303	3	
	7½	43.31	34.6	628	107	
	7	43.43	34.4	661	13	
3947	9	57 43.45	34 38 47.9	254	117	
3948	8	57 50.48	56 40 2.7	239	144	
3949	8½	57 51.66	69 1 49.0	303	2	
	8½	51.74	48.1	190†	106	
3950	7	57 52.18	50 46 31.8	644	85	
3951	9½	57 52.44	49 4 40.4	652	66	
3952	8	57 52.79	53 58 57.6	656	39	
3953	8	57 53.63	72 54 42.1	640	40	
	8	53.86	42.0	185†	61	
3954	5½	57 54.13	62 28 10.8	246	107	
3955	9	57 57.59	60 19 9.7	633	194	
3956	9	57 58.07	27 53 3.3	301	44	
3957	8½	57 58.60	60 20 21.8	633	193	
	8½	58.76	20.4	285	173	
3958	9	58 3.17	66 6 29.9	626	177	
3959	8	58 7.03	62 52 50.4	250	82	
3960	9½	58 8.33	66 21 13.4	626	178	
3961	9	58 8.70	51 59 53.7	656	43	
3962	8	58 9.01	30 29 28.2	292	67	
	8	9.25	27.5	659	78	
3963	8	58 10.58	70 31 22.3	661	11	
3964	9½	58 10.88	38 34 6.7	281	139	
3965	9	58 11.04	56 58 5.7	239	143	
3966	8½	58 12.52	54 44 4.7	638	101	
3967	6	58 12.73	67 37 54.9	193†	116	
	6	13.07	56.9	273	9	
	6	13.08	55.6	628	108	
3968	9½	58 13.10	55 55 13.9	239	145	
3969	9½	58 13.38	62 50 14.1	250	83	
3970	9	58 13.47	57 47 58.0	621	231	
3971	8½	58 13.88	50 40 27.2	644	86	
3972	9½	58 15.18	34 26 5.9	254	118	
3973	8½	58 16.73	24 12 15.7	264	42	
	8½	16.81	17.5	648	91	
	8½	16.96	18.4	682	47	
3974	9½	58 16.82	36 22 17.9	266	16	
3975	9	58 17.51	56 30 8.9	239	146	
3976	8½	58 18.22	49 51 51.8	644	88	
3977	9	58 18.89	28 29 18.9	684	70	
3978	7	58 19.88	58 33 23.0	289	133	
3979	7½	11 58 20.82	61 17 61.2	679	162	n.pr.
	8	21.07	59.9	270	42	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
3980	10	11 58 22.32	61 17 38.2	270	44	
3981	8	58 22.52	61 18 21.7	679	163	s. sq.
	8½	22.58	21.2	270	43	
3982	9	58 22.90	60 19 59.7	633	196	
3983	9	58 23.42	38 32 1.7	281	138	
3984	9½	58 23.75	71 50 22.7	185†	59	
	9	24.03	20.6	185†	57	
3985	8	58 24.59	71 45 36.3	185†	58	
3986	9	58 25.49	54 40 27.2	638	102	
3987	9½	58 25.53	59 43 52.3	284	182	
3988	8	58 25.63	32 6 22.0	659	79	
	8	25.70	22.0	680	153	
	8	25.83	19.8	260	57	
3989	9	58 25.94	59 40 55.9	624	182	
	9	26.11	53.9	284	181	
3990	8½	58 26.29	34 4 56.7	680	151	
3991	8½	58 28.35	27 57 50.3	684	71	
	9	28.40	49.8	301	45	
	9	28.43	47.9	686	65	
3992	6½	58 31.19	60 16 19.8	633	195	
	6½	31.27	19.2	624	179	
	6½	31.46	18.4	285	174	
3993	7½	58 31.76	69 18 18.4	190†	105	
	7½	31.84	19.8	661	12	
3994	9	58 31.80	59 9 38.9	284	183	
3995	8	58 32.24	69 6 51.8	303	1	
	8½	32.52	52.6	276	2	
3996	7½	58 33.36	74 59 24.8	640	41	
3997	9½	58 34.33	52 51 7.7	656	42	
3998	9	58 34.52	45 29 56.8	257	70	
3999	9½	58 35.27	49 3 1.9	652	67	
4000	8½	58 35.61	34 57 3.2	266	17	
4001	9	58 37.52	60 10 13.8	624	181	
4002	7½	58 38.25	50 29 42.7	644	87	
4003	9½	58 38.44	46 42 12.9	257	71	
4004	9	58 40.18	23 25 11.7	682	48	
	9	40.34	11.4	264	44	
4005	9½	58 41.16	34 20 0.5	254	119	
4006	8½	58 42.23	52 54 47.9	656	41	
4007	7½	58 42.62	60 28 56.1	285	175	
	7	42.70	57.9	633	197	
	7½	42.73	54.8	270	45	
4008	9½	58 43.08	66 25 26.8	626	180	
4009	9	58 44.28	67 42 55.8	193†	117	
	8½	44.37	56.5	628	112	
	8½	44.43	58.1	273	10	
	8½	44.48	56.4	628	110	
4010	9½	58 44.38	43 48 45.2	211	53	
4011	9	58 44.47	43 51 37.6	211	52	
4012	9	58 46.17	58 46 49.4	289	134	
4013	9	58 46.44	25 7 25.4	264	43	
4014	8	58 46.57	28 0 24.9	686	66	
	8	46.60	22.2	301	46	
	8	46.63	26.8	684	72	
4015	8	58 46.94	33 30 44.7	680	152	
	8	47.20	44.7	254	120	
4016	9	58 47.19	60 30 18.8	285	176	
	9	47.29	20.8	270	46	
4017	9½	58 50.85	62 57 12.6	250	85	
4018	8½	58 52.82	57 23 9.9	621	232	
	9	53.12	11.7	239	148	
4019	9	58 54.14	28 50 54.5	292	69	
4020	7½	58 54.97	48 18 36.4	652	68	
4021	9	58 55.70	66 32 23.5	626	179	
4022	7½	58 57.21	62 16 47.5	246	108	
4023	9½	58 58.36	60 28 5.9	270	47	
4024	8	11 58 58.84	67 52 21.6	193†	118	
	8	58.97	22.4	273	11	
	8	59.10	23.5	303	8	
	8	59.21	22.3	628	111	

No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
4025	9	11 58 59.23	25 59 8.7	648	92	
	9	59.30	8.8	686	67	
	9½	59.36	8.7	295	37	
4026	9	58 59.46	58 40 59.6	289	135	
4027	8½	59 1.54	50 58 6.1	644	90	
4028	8½	59 2.01	64 11 7.3	646	83	
4029	9	59 2.08	40 9 34.9	616	198	
4030	8	59 2.42	67 9 12.3	626	181	
	8	2.50	15.2	273	13	
4031	8	59 3.00	36 51 20.6	281	140	
4032	7	59 4.32	63 34 38.8	250	86	
4033	9	59 4.37	41 41 2.6	657	17	
	8½	4.39	3.5	302	16	
4034	9	59 4.61	69 13 0.9	661	15	
	9	4.75	0.7	190†	109	
4035	9	59 5.82	30 59 21.1	659	80	
4036	9	59 6.55	54 40 49.3	638	103	
4037	9½	59 6.65	78 20 38.7	242	85	
4038	9	59 9.31	60 11 8.1	624	180	
	8½	9.56	9.9	633	200	
4039	9½	59 9.78	59 4 28.3	284	184	
4040	9½	59 10.50	56 26 42.5	239	147	
4041	8½	59 10.50	29 19 7.9	292	68	
4042	9	59 17.34	58 26 17.0	289	137	
4043	8½	59 17.40	40 7 6.0	616	199	
4044	9	59 18.00	62 48 29.1	246	109	
	9	18.17	27.3	250	84	
4045	9	59 18.42	54 19 30.5	638	106	
4046	8	59 20.57	68 52 35.5	193†	121	
	7½	20.84	36.9	303	4	
	7½	20.93	35.3	190†	108	
	7½	20.96	36.3	661	14	
4047	8½	59 21.74	50 18 23.1	644	89	
4048	9	59 22.54	51 59 29.7	656	44	
4049	8½	59 24.39	23 5 6.3	682	49	
4050	7	59 25.79	64 51 10.8	646	84	
4051	9	59 26.38	25 55 17.4	686	68	
4052	9	59 26.81	51 11 12.3	644	91	
4053	9	59 28.78	49 9 26.4	652	70	s. pr.
4054	9½	59 28.81	64 47 43.3	646	85	
4055	9	59 29.85	26 35 33.8	686	69	
4056	7	59 29.97	49 9 22.5	652	71	n. sq.
4057	6½	59 31.62	34 59 48.4	266	18	
4058	9	59 32.21	36 53 22.2	281	141	
4059	8½	59 32.65	54 20 47.8	638	105	
4060	8½	59 34.22	54 40 16.7	638	104	
4061	8½	59 37.28	25 5 41.2	682	51	
	9	37.45	40.1	295	38	
4062	9	59 39.54	45 11 38.4	257	74	
4063	7½	59 39.65	68 25 50.0	193†	120	
	7½	39.76	51.5	303	7	
	7	39.99	50.1	628	113	
4064	9	59 39.75	60 33 38.1	633	199	
4065	9½	59 39.84	68 45 11.5	193†	122	
	9	40.58	11.1	303	5	
4066	7	59 40.40	72 51 36.9	640	42	
	7	40.54	35.8	185†	62	
	7	40.90	37.5	583	56	
4067	7	59 40.42	32 15 29.2	680	154	dpl. II. s. sq.
	7	40.63	28.2	260	58	
4068	8½	59 43.47	22 54 9.8	682	50	
4069	9	59 43.60	52 1 55.5	656	45	
4070	8½	59 43.65	29 29 36.7	292	70	
	9	43.74	37.1	684	73	
4071	8½	59 43.84	49 32 59.5	652	72	
4072	9½	59 44.39	69 7 41.1	276	3	
	9½	44.49	40.2	661	18	
	9½	45.18	39.0	190†	112	
4073	8½	59 44.68	55 27 41.7	638	109	
4074	9	11 59 44.87	27 16 32.8	301	47	

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No.	Mag.	1875.0 Asc. Recta	1875.0 Decl. Austr.	Zona	No.	
		h m s	° ′ ″			
4075	9	11 59 45.49	30 19 52.5	659	81	
4076	9½	59 47.50	27 20 31.2	301	48	
4077	8½	59 48.33	24 10 5.3	648	93	
	8½	48.40	7.0	264	46	
4078	10	59 48.55	41 3 46.9	616	200	
4079	7½	59 48.57	69 6 7.1	661	17	
	8	48.71	6.7	190†	111	
	8	48.90	5.3	276	1	
4080	9½	59 48.71	60 33 23.0	633	198	
4081	8	59 48.89	43 49 4.4	211	54	
4082	8½	59 50.06	48 33 40.0	652	69	
4083	7	59 50.07	67 57 16.3	193†	119	
	7	50.12	18.3	303	9	
	6½	50.36	18.9	273	12	
	7	50.44	19.2	628	115	
4084	9	59 51.00	33 46 35.8	254	122	
4085	9	11 59 51.26	23 18 19.1	264	45	
4086	9½	11 59 51.98	38 58 12.9	616	201	
4087	8	59 52.66	58 26 53.6	289	136	
4088	9	59 53.96	24 11 5.3	264	47	
4089	7	59 54.86	65 0 46.5	646	86	s.pr.
4090	9½	59 54.91	68 43 59.5	193†	123	
	9	55.30	58.1	303	6	
4091	9	59 55.35	30 18 46.6	659	82	
4092	9	59 55.83	58 4 4.7	621	233	
4093	9	59 55.94	31 53 21.9	659	84	
	9	56.19	21.5	260	59	
4094	8½	59 56.30	65 0 41.1	646	87	n.sq.
4095	9	59 56.33	25 42 10.7	295	40	
	8½	56.51	12.1	648	95	
4096	8½	59 57.60	30 52 0.7	292	71	
	9	57.72	2.2	659	83	
4097	9	59 58.25	68 17 38.4	628	114	
4098	9	11 59 59.23	52 12 54.2	656	46	

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RESULTADOS

DEL

OBSERVATORIO NACIONAL ARGENTINO

TABLAS DE PRECESION

PRECESSION-TABLES

APÉNDICE AL TOMO VII.

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TABLAS DE PRECESION

La frecuencia con que es necesario referir las posiciones de las estrellas á épocas distintas hace importante que las precesiones anuales, y tambien en muchos casos las variaciones seculares, puedan obtenerse con la menor molestia ó demora. Sin embargo, la computacion y publicacion de estas para cada una de las estrellas comprendidas en nuestras zonas es una tarea en que no es posible pensar.

Como apéndice al tomo de las observaciones de Washington del año 1847 hay una importante série de tablas de reduccion, confeccionada por los señores Coffin y Hubbard, para facilitar la conversion de posiciones aparentes en las medias, á las que se ha agregado tambien una tabla general para la determinacion de las precesiones anuales. Es probable que habrá pocos astrónomos prácticos que no hayan facilitado sus trabajos empleándola. En el Tomo VII de las observaciones de Bonn, Argelander, despues de referir la ventaja que habitualmente le resultaba de usarla, dió otras análogas para el cálculo del segundo y tercer término de la precesion, las que por su indicacion habian sido computadas por Menten, la primera, y la segunda por Tiele.

Ahora se han computado estas tablas para cada uno de los tres términos, empleando para las constantes de la precesion los valores de Pulkowa correspondientes á la época 1875.0, y se dan aquí como apéndice útil á nuestras determinaciones de posicion, todas las que han sido calculadas para la misma época y por medio de estos valores. A ellas se agrega una tabla de las precesiones anuales correspondientes, para cada grado de declinacion desde 0° hasta 60°, y por cada cinco minutos de ascension recta;—como tambien otra que contiene los datos que se necesitan para el cálculo de la precesion total de 1875.0, por las fórmulas finitas.

PRECESSION-TABLES

The continual necessity for referring star-positions to other epochs makes it a matter of importance that the annual precessions, and in many cases also the secular variations, be obtained with the least possible trouble or delay. Yet the computation and publication of these for all the individual stars of our zones is a task not to be thought of.

Appended to the volume of Washington Observations for 1847 is a valuable series of reduction-tables, prepared by Professors Coffin and Hubbard, for aiding in the conversion of apparent into mean places; and with them is given a general table for the computation of annual precessions. Probably there are few practical astronomers who have not often found great convenience in using this. In Vol. VII of the Bonn Observations, Argelander, mentioning the advantage which he habitually derived from its use, published analogous general tables which had been prepared at his instance for computing the second and third terms of the precession, the former by Menten, the latter by Tiele.

These tables, for each of the three terms, have here been recomputed with the Pulkowa values of the constants of precession for the epoch 1875.0, and are given as a serviceable adjunct to our determinations of position, all which have been calculated for that epoch by the aid of these constants. With them is also given a table of the corresponding annual precessions for each degree of declination from 0° to 60°, and each fifth minute of right-ascension, as well as another containing the data requisite for the calculation of the total precession from 1875.0, by means of the finite formulas.

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ESPLICACION DE LAS TABLAS.

Las constantes que se han empleado son

$$m = 46''.08367 + 0''.0002849\,t,$$
$$n = 20''.05423 - 0''.0000863\,t,$$

denotándose con t el número de años desde 1875.0; pero un cálculo ligero bastará generalmente para determinar las pequeñas correcciones requeridas para adaptar las tablas á cualquier valor de las constantes.

La Tabla I proporciona por cada diez segundos, los valores de $\frac{1}{15}n$ sen a y de $n \cos a$; siendo esta última la precesion anual en declinacion. La primera es el factor de tan δ en el término variable de la precesion anual en ascension recta $\Delta a = 3.07225 + 0.000019\,t + n$ sen a tan δ; y se halla espresado en segundos de tiempo, dándose los números mismos para los primeros 20 minutos, y los logaritmos despues de este límite. No he creido necesario poner los signos algebráicos, pues que los de n sen a siempre son negativos desde 12^h hasta 24^h, y los de $n \cos a$ desde 6^h hasta 18^h. Debe tenerse presente que, siendo australes todas nuestras estrellas, con escepcion de algunas de las fundamentales, empleadas para determinar la correccion del péndulo, se supone que el signo negativo se halla antepuesto á sus declinaciones.

La Tabla II contiene las precesiones anuales en ascension recta, para cada cinco minutos de tiempo y cada grado de declinacion austral hasta 60°. Sirve igualmente para las declinaciones boreales, con tal que se cambien por 12^h las ascensiones rectas.

La Tabla III sirve para disminuir el trabajo de calcular la variacion secular de la precesion anual, y está arreglada segun la forma que Menten le dió. Si se denota con m' y n' las variaciones anuales de las cantidades m y n, los coeficientes diferenciales relativos al tiempo son:

EXPLANATION OF THE TABLES.

The constants here employed are

$$m = 46''.08367 + 0''.0002849\,t,$$
$$n = 20''.05423 - 0''.0000863\,t,$$

where t denotes the number of years from 1875.0; but a slight calculation will generally suffice to determine the small corrections requisite for adapting the tables to any other values of the constants.

Table I gives, for each tenth second of right-ascension, the values of $\frac{1}{15}n \sin a$ and of $n \cos a$; the latter being the annual precession in declination. The former is the factor of tan δ in the variable term of the annual precession in right-ascension, $\Delta a = 3^s.07225 + 0.000019\,t + n \sin a \tan \delta$; and is expressed in seconds of time, the numbers being given for the first 20 minutes, and the logarithms afterwards. It has not appeared necessary to affix the algebraic signs, since those of $n \sin a$ are of course negative from 12^h to 24^h, and those of $n \cos a$ from 6^h to 18^h. It will be remembered that, since all our stars are southern, excepting some of the standard stars employed for determining the clock-correction, the negative sign is to be considered as prefixed to their declinations.

Table II contains the annual precession in right-ascension for each fifth minute, in time, and each degree of south inclination as far as 60°. It will answer equally well for northern declinations, provided the right-ascension be changed by 12^h.

Table III serves to diminish the labour of calculating the secular variation of the annual precession, and is arranged in the form given by Menten. If we denote the yearly variations of m and n by m' and n', the second differential coefficients relative to the time are

$$D_t^2 a = n^2 \tan^2 \delta \sin 2a + \tfrac{1}{2} n^2 \sin 2a + mn \tan \delta \cos a + m' + n' \tan \delta \sin a,$$
$$D_t^2 \delta = n' \cos a - mn \sin a - n^2 \sin^2 a \tan \delta.$$

Para obtener la variacion secular que se desea, es menester que se multipliquen estos valores por 100, y tambien los primeros términos de la primera espresion y los dos últimos de la segunda con sen 1″. Ademas la variacion secular en a tiene que dividirse por 15, si se quiere que

To obtain the secular variation in the most convenient form, these values are not only to be multiplied by 100, but the first three terms in the former expression, and the last two in the latter, must furthermore be multiplied by sin 1″. Moreover, the variation in a is to be divided by 15,

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su valor esté representado en segundos de tiempo. Así se consiguen los valores de los coeficientes en las espresiones

$$\text{Var. Sec. en } a = A + B \tan\delta + C \tan^2\delta,$$
$$\text{Var. Sec. en } \delta = A' + B' \tan\delta.$$

Nuestra tabla da los valores de A, $\log B$, $\log C$, A', $\log B'$; siendo la unidad el segundo de tiempo para los tres primeros, y el segundo de arco para los dos últimos. Es menester fijarse en que los signos de B y A' deben cambiarse para las ascensiones rectas mayores de 12^h.

La Tabla IV sirve para facilitar el cálculo del tercer término de la precesion, y se halla dispuesta esencialmente segun la forma dada por Tiele. Los terceros coeficientes diferenciales, relativos al tiempo, pueden escribirse en la forma

$$D_t^3 a = 6P_0 + 6P_1 \tan\delta + 6P_2 \tan^2\delta + 6P_3 \tan^3\delta,$$
$$D_t^3 \delta = 6Q_0 + 6Q_1 \tan\delta + 6Q_2 \tan^2\delta,$$

donde

if its values be desired in seconds of time. We thus obtain values for the coefficients in the expressions

$$\text{Sec. Var. in } a = A + B \tan\delta + C \tan^2\delta,$$
$$\text{Sec. Var. in } \delta = A' + B' \tan\delta.$$

The table gives the values of A, $\log B$, $\log C$, A', $\log B'$; the units being seconds of time for the first three, and seconds of arc for the other two. It must be observed that the signs of B and A' are to be reversed for right-ascensions greater than 12^h.

Table IV diminishes the labour of computing the third term of the precession, and is arranged essentially in the form given by Tiele. We may write the third differential coefficients relative to the time in the form

$$D_t^3 a = 6P_0 + 6P_1 \tan\delta + 6P_2 \tan^2\delta + 6P_3 \tan^3\delta,$$
$$D_t^3 \delta = 6Q_0 + 6Q_1 \tan\delta + 6Q_2 \tan^2\delta,$$

in which

$$6P_0 = \tfrac{1}{2}(mn^2 + 3mn^2 \cos 2a + 3nn' \sin 2a),$$
$$6P_1 = -(2mn' + nm') \cos a - (m^2 n + n^3) \sin a + 6n^3 \cos^2 a \sin a,$$
$$6P_2 = 3mn^2 \cos 2a + 3nn' \sin 2a,$$
$$6P_3 = 8n^3 \cos^2 a \sin a - 2n^3 \sin a,$$

$$6Q_0 = -(2mn' + nm') \sin a - (m^2 + n^2 \sin^2 a)\, n \cos a,$$
$$6Q_1 = -3mn^2 \sin a \cos a + 3nn' \sin^2 a,$$
$$6Q_2 = -3n^3 \sin^2 a \cos a.$$

Empleando 100 años como unidad de tiempo, multiplicándose los varios términos por sen 1″ bastantes veces para que sus valores se den en medida linear, y finalmente dividiéndose por 15 los coeficientes que se refieren á la ascension recta, para que estos se espresen en segundos de tiempo,—se consiguen los números que se hallan en nuestra tabla. Entonces el efecto sobre la posicion de la estrella que resulta, en $100t$ años, del término que depende del tercer poder del tiempo, es :

$$\Delta a = (P_0 + P_1 \tan\delta + P_2 \tan^2\delta + P_3 \tan^3\delta)\, t^3,$$
$$\Delta\delta = (Q_0 + Q_1 \tan\delta + Q_2 \tan^2\delta)\, t^3,$$

en cuyas espresiones

If we take 100 years as the unit of time, multiply the several terms by sin 1″ a sufficient number of times to afford their values in linear measure, and finally express the coefficients pertaining to the right-ascension in seconds of time by dividing them by 15, we obtain the numbers given in our table. The effect upon the star's place, which results in $100t$ years from the term depending upon the third power of the time, is then

$$\Delta a = (P_0 + P_1 \tan\delta + P_2 \tan^2\delta + P_3 \tan^3\delta)\, t^3$$
$$\Delta\delta = (Q_0 + Q_1 \tan\delta + Q_2 \tan^2\delta)\, t^3,$$

in which expressions

$$P_0 = 0^s.00242 + [7.86094] \cos 2a - [6.14578] \sin 2a,$$
$$P_1 = [8.10168] \cos^2 a \sin a - [6.08079] \cos a - [8.12153] \sin a,$$
$$P_2 = [8.16197] \cos^2 a - [6.44681] \sin 2a,$$
$$P_3 = [7.92559] \cos^2 a \sin a - [7.32353] \sin a,$$

$$Q_0 = [7.25688] \sin a - [9.22230] \cos a - [8.49955] \sin^2 a \cos a,$$
$$Q_1 = [9.03703] \sin 2a + [7.62273] \sin^2 a,$$
$$Q_2 = [n\, 8.97672] \sin^2 a \cos \iota.$$

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La TABLA V contiene las constantes que se necesitan para calcular la cantidad total de la precesion en ascension recta y en declinacion, por medio de las fórmulas finitas dadas por Bessel en la introduccion de las *Tabulae Regiomontanae.*

Usando la notacion poco modificada, empleada por Chauvenet (I, 613), y poniendo, para abreviar,

$$A = a+z+\vartheta, \qquad A' = a'-z'+\vartheta,$$
$$p = \sin\Theta\,(\tan\delta+\tan\tfrac{1}{2}\Theta\cos A),$$

la precesion total entre nuestra época 1875.0 y cualquier otra fecha t, que se halla comprendida dentro de los límites de la tabla, se da en coordenadas ecuatoriales por las ecuaciones

$$\tan(A'-A) = \frac{p\sin A}{1-p\cos A},$$

$$\tan\tfrac{1}{2}(\delta'-\delta) = \tan\tfrac{1}{2}\Theta\,\frac{\cos\frac{1}{2}(A'+A)}{\cos\frac{1}{2}(A'-A)},$$

en cuyas espresiones los símbolos a, δ, ϑ sin acentos, representan los valores para la época 1875.0, y acentuados, para la época t.

Junto con los valores de $\tan\frac{1}{2}\Theta$, sen Θ, $z+\vartheta$, $z'-\vartheta'$, requeridos por estas fórmulas hay en la tabla algunos otros datos, que se hallan íntimamente relacionados con ellos. Estos son

ψ la precesion lunisolar desde 1800.0,
ϑ la precesion planetaria desde 1800.0,
ϵ_1 la oblicuidad de la eclíptica fija,
ϵ la oblicuidad media de la eclíptica.

La tabla retrocede hasta 1750 para facilitar la referencia de las observaciones de Lacaille y de Bradley á nuestra época.

TABLE V contains the constants requisite for determining the total amount of the precession in right-ascension and declination, by means of the finite formulas as given by Bessel in the introduction to the *Tabulae Regiomontanae.*

Employing the slightly modified notation of Chauvenet (I, 613), and putting for brevity

$$A = a+z+\vartheta, \qquad A' = a'-z'+\vartheta,$$
$$p = \sin\Theta\,(\tan\delta+\tan\tfrac{1}{2}\Theta\cos A),$$

the total precession, between our adopted epoch 1875.0 and any other date t within the limits of the table, is given in equatorial coordinates by the equations

$$\tan(A'-A) = \frac{p\sin A}{1-p\cos A},$$

$$\tan\tfrac{1}{2}(\delta'-\delta) = \tan\tfrac{1}{2}\Theta\,\frac{\cos\frac{1}{2}(A'+A)}{\cos\frac{1}{2}(A'-A)}$$

in which expressions the symbols a, δ, ϑ, represent, when unaccented, the values for the epoch 1875.0, and when accented, those for the epoch t.

In addition to the values of $\tan\frac{1}{2}\Theta$, $\sin\Theta$, $z+\vartheta$, $z'-\vartheta'$, required by these formulas, the table contains a few other data, to which these are intimately related. These are

ψ the lunisolar precession since 1800.0,
ϑ the planetary precession since 1800.0,
ϵ_1 the obliquity of the fixed ecliptic,
ϵ the mean obliquity of the ecliptic.

The table is extended backwards to 1750, to facilitate the reference of Lacaille's and Bradley's observations to our epoch.

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TABLA I.

0h, 12h

a	n sen a	n cos a	a
m s	s	″	s m
0 0	0.00000	20.0542	60
10	0097 97	542	50
20	0194 97	542	40
30	0292 98	542	30
40	0389 97	541 1	20
50	0486 97	541 0	10 **59**
1 0	0.00583 97	20.0540 1	60
10	0681 98	540 0	50
20	0778 97	539 1	40
30	0875 97	538 1	30
40	0972 97	537 1	20
50	1069 97	536 1	10 **58**
2 0	0.01167 98	20.0535 1	60
10	1264 97	533 2	50
20	1361 97	532 1	40
30	1458 97	530 2	30
40	1556 98	529 1	20
50	1653 97	527 2	10 **57**
3 0	0.01750 97	20.0525 2	60
10	1847 97	523 2	50
20	1944 97	521 2	40
30	2042 98	519 2	30
40	2139 97	517 2	20
50	2236 97	514 3	10 **56**
4 0	0.02333 97	20.0512 2	60
10	2431 98	509 3	50
20	2528 97	506 3	40
30	2625 97	504 2	30
40	2722 97	501 3	20
50	2819 97	498 3	10 **55**
5 0	0.02917 98	20.0495 3	60
10	3014 97	491 4	50
20	3111 97	488 3	40
30	3208 97	485 3	30
40	3305 97	481 4	20
50	3402 97	477 4	10 **54**
6 0	0.03500 98	20.0474 3	60
10	3597 97	470 4	50
20	3694 97	466 4	40
30	3791 97	462 4	30
40	3888 97	458 4	20
50	3986 98	453 5	10 **53**
7 0	0.04083 97	20.0449 4	60
10	4180 97	444 5	50
20	4277 97	440 4	40
30	4374 97	435 5	30
40	4472 98	430 5	20
50	4569 97	425 5	10 **52**
8 0	0.04666 97	20.0420 5	60
10	4763 97	415 5	50
20	4860 97	410 5	40
30	4957 97	404 6	30
40	5055 98	399 5	20
50	5152 97	393 6	10 **51**
9 0	0.05249 97	20.0388 5	60
10	5346 97	382 6	50
20	5443 97	376 6	40
30	5540 97	370 6	30
40	5637 97	364 6	20
50	5735 98	358 6	10 **50**
10 0	0.05832 97	20.0351 7	0

a	n sen a	n cos a	a
m s	s	″	s m
10 0	0.05832	20.0351	60
10	5929 97	345 6	50
20	6026 97	338 7	40
30	6123 97	332 6	30
40	6220 97	325 7	20
50	6317 97	318 7	10 **49**
11 0	0.06414 97	20.0311 7	60
10	6512 98	304 7	50
20	6609 97	297 7	40
30	6706 97	290 7	30
40	6803 97	282 8	20
50	6900 97	275 7	10 **48**
12 0	0.06997 97	20.0267 8	60
10	7094 97	260 7	50
20	7191 97	252 8	40
30	7288 97	244 8	30
40	7385 97	236 8	20
50	7482 97	228 8	10 **47**
13 0	0.07580 98	20.0220 8	60
10	7677 97	211 9	50
20	7774 97	203 8	40
30	7871 97	194 9	30
40	7968 97	186 8	20
50	8065 97	177 9	10 **46**
14 0	0.08162 97	20.0168 9	60
10	8259 97	159 9	50
20	8356 97	150 9	40
30	8453 97	141 9	30
40	8550 97	132 9	20
50	8647 97	122 10	10 **45**
15 0	0.08744 97	20.0113 9	60
10	8841 97	103 10	50
20	8938 97	094 9	40
30	9035 97	084 10	30
40	9132 97	074 10	20
50	9229 97	064 10	10 **44**
16 0	0.09326 97	20.0054 10	60
10	9423 97	044 10	50
20	9520 97	033 11	40
30	9617 97	023 10	30
40	9714 97	012 11	20
50	9811 97	002 10	10 **43**
17 0	0.09908 97	19.9991 11	60
10	10005 97	980 11	50
20	0102 97	969 11	40
30	0199 97	958 11	30
40	0296 97	947 11	20
50	0393 97	936 11	10 **42**
18 0	0.10490 96	19.9924 12	60
10	0586 97	913 11	50
20	0683 97	901 12	40
30	0780 97	889 12	30
40	0877 97	878 11	20
50	0974 97	866 12	10 **41**
19 0	0.11071 97	19.9854 12	60
10	1168 97	841 13	50
20	1265 97	829 12	40
30	1362 97	817 12	30
40	1459 97	804 13	20
50	1555 96	792 12	10 **40**
20 0	0.11652 97	19.9779 13	0

a	log n sen a	n cos a	a
m s	″	″	s m
20 0	9.06641	19.9779	60
10	07001 360	766 13	50
20	07357 356	754 12	40
30	07711 354	741 13	30
40	08061 350	727 14	20
50	08409 348	714 13	10 **39**
21 0	9.08754 345	19.9701 13	60
10	09097 343	688 13	50
20	09436 339	674 14	40
30	09773 337	661 13	30
40	10108 335	647 14	20
50	10440 332	633 14	10 **38**
22 0	9.10769 329	19.9619 14	60
10	11096 327	605 14	50
20	11420 324	591 14	40
30	11742 322	577 14	30
40	12061 319	562 15	20
50	12378 317	548 14	10 **37**
23 0	9.12693 315	19.9533 15	60
10	13006 313	519 14	50
20	13316 310	504 15	40
30	13624 308	489 15	30
40	13930 306	474 15	20
50	14233 303	459 15	10 **36**
24 0	9.14535 302	19.9444 15	60
10	14834 299	428 16	50
20	15132 298	413 15	40
30	15427 295	398 15	30
40	15720 293	382 16	20
50	16012 292	366 16	10 **35**
25 0	9.16301 289	19.9350 16	60
10	16588 287	334 16	50
20	16874 286	318 16	40
30	17158 284	302 16	30
40	17439 281	286 16	20
50	17719 280	269 17	10 **34**
26 0	9.17997 278	19.9253 16	60
10	18274 277	237 16	50
20	18548 274	220 17	40
30	18821 273	203 17	30
40	19092 271	186 17	20
50	19361 269	169 17	10 **33**
27 0	9.19629 268	19.9152 17	60
10	19895 266	135 17	50
20	20159 264	118 17	40
30	20422 263	100 18	30
40	20683 261	083 17	20
50	20943 260	065 18	10 **32**
28 0	9.21201 258	19.9047 18	60
10	21457 256	030 17	50
20	21612 255	9012 18	40
30	21966 254	8994 18	30
40	22218 252	976 18	20
50	22468 250	957 19	10 **31**
29 0	9.22717 249	19.8939 18	60
10	22965 248	920 19	50
20	23211 246	902 18	40
30	23455 244	883 19	30
40	23699 244	865 18	20
50	23941 242	846 19	10 **30**
30 0	9.24181 240	19.8827 19	0

11h, 23h

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TABLE I.

0h, 12h

a	log n sin a	n cos a	a
m s		″	s m
30 0	9.24181	19.8827	60
10	4420 239	808 19	50
20	4658 238	788 20	40
30	4895 237	769 19	30
40	5130 235	750 19	20
50	5364 234	730 20	10 **29**
31 0	9.25597 233	19.8711 19	60
10	5828 231	691 20	50
20	6058 230	671 20	40
30	6287 229	651 20	30
40	6515 228	631 20	20
50	6742 227	611 20	10 **28**
32 0	9.26967 225	19.8591 20	60
10	7191 224	570 21	50
20	7414 223	550 20	40
30	7636 222	529 21	30
40	7857 221	508 21	20
50	8076 219	488 20	10 **27**
33 0	9.28294 218	19.8467 21	60
10	8512 218	446 21	50
20	8728 216	425 21	40
30	8943 215	403 22	30
40	9157 214	382 21	20
50	9370 213	361 21	10 **26**
34 0	9.29582 212	19.8340 21	60
10	29792 210	318 22	50
20	30002 210	296 22	40
30	0211 209	274 22	30
40	0419 208	252 22	20
50	0625 206	230 22	10 **25**
35 0	9.30831 206	19.8208 22	60
10	1036 205	186 22	50
20	1239 203	164 22	40
30	1442 203	141 23	30
40	1644 202	119 22	20
50	1845 201	096 23	10 **24**
36 0	9.32045 200	19.8073 23	60
10	2244 199	050 23	50
20	2442 198	027 23	40
30	2639 197	8004 23	30
40	2835 196	7981 23	20
50	3030 195	958 23	10 **23**
37 0	9.33225 195	19.7934 24	60
10	3418 193	911 23	50
20	3611 193	887 24	40
30	3802 191	864 23	30
40	3993 191	840 24	20
50	4183 190	816 24	10 **22**
38 0	9.34372 189	19.7792 24	60
10	4561 189	768 24	50
20	4748 187	744 24	40
30	4935 187	719 25	30
40	5121 186	695 24	20
50	5306 185	670 25	10 **21**
39 0	9.35490 184	19.7646 24	60
10	5673 183	621 25	50
20	5856 183	596 25	40
30	6038 182	571 25	30
40	6219 181	546 25	20
50	6399 180	521 25	10 **20**
40 0	9.36578 179	19.7495 26	0

a	log n sin a	n cos a	a
m s		″	s m
40 0	9.36578	19.7495	60
10	6757 179	469 26	50
20	6935 178	445 24	40
30	7112 177	419 26	30
40	7289 177	394 25	20
50	7465 176	368 26	10 **19**
41 0	9.37640 175	19.7342 26	60
10	7814 174	316 26	50
20	7988 174	290 26	40
30	8160 172	264 26	30
40	8333 173	237 27	20
50	8504 171	211 26	10 **18**
42 0	9.38675 171	19.7184 27	60
10	8845 170	158 26	50
20	9014 169	131 27	40
30	9183 169	104 27	30
40	9351 168	077 27	20
50	9518 167	050 27	10 **17**
43 0	9.39685 167	19.7023 27	60
10	39851 166	6996 27	50
20	40016 165	968 28	40
30	0181 165	941 27	30
40	0345 164	913 28	20
50	0509 164	886 27	10 **16**
44 0	9.40671 162	19.6858 28	60
10	0834 163	830 28	50
20	0995 161	802 28	40
30	1156 161	774 28	30
40	1316 160	746 28	20
50	1476 160	717 29	10 **15**
45 0	9.41635 159	19.6689 28	60
10	1794 159	660 29	50
20	1951 157	632 28	40
30	2109 158	603 29	30
40	2265 156	574 29	20
50	2421 156	545 29	10 **14**
46 0	9.42577 156	19.6516 29	60
10	2732 155	487 29	50
20	2886 154	458 29	40
30	3040 154	429 29	30
40	3193 153	399 30	20
50	3346 153	370 29	10 **13**
47 0	9.43498 152	19.6340 30	60
10	3650 152	310 30	50
20	3801 151	280 30	40
30	3951 150	250 30	30
40	4101 150	220 30	20
50	4251 150	190 30	10 **12**
48 0	9.44399 148	19.6160 30	60
10	4548 149	130 30	50
20	4695 147	099 31	40
30	4843 148	069 30	30
40	4989 146	038 31	20
50	5136 147	007 31	10 **11**
49 0	9.45281 145	19.5976 31	60
10	5427 146	945 31	50
20	5571 144	914 31	40
30	5716 145	883 31	30
40	5859 143	852 31	20
50	6002 143	820 32	10 **10**
50 0	9.46145 143	19.5789 31	0

a	log n sin a	n cos a	a
m s		″	s m
50 0	9.46145	19.5789	60
10	6287 142	757 32	50
20	6429 142	725 32	40
30	6570 141	694 31	30
40	6711 141	662 32	20
50	6851 140	630 32	10 **9**
51 0	9.46991 140	19.5597 33	60
10	7131 140	565 32	50
20	7269 138	533 32	40
30	7408 139	500 33	30
40	7546 138	468 32	20
50	7683 137	435 33	10 **8**
52 0	9.47820 137	19.5402 33	60
10	7957 137	370 32	50
20	8093 136	337 33	40
30	8229 136	303 34	30
40	8364 135	270 33	20
50	8499 135	237 33	10 **7**
53 0	9.48633 134	19.5204 33	60
10	8767 134	170 34	50
20	8900 133	137 33	40
30	9033 133	103 34	30
40	9166 133	069 34	20
50	9298 132	035 34	10 **6**
54 0	9.49430 132	19.5001 34	60
10	9561 131	4967 34	50
20	9692 131	933 34	40
30	9823 131	899 34	30
40	49953 130	864 35	20
50	50083 130	830 34	10 **5**
55 0	9.50212 129	19.4795 35	60
10	0341 129	760 35	50
20	0469 128	726 34	40
30	0597 128	691 35	30
40	0725 128	656 35	20
50	0852 127	621 35	10 **4**
56 0	9.50979 127	19.4585 36	60
10	1105 126	550 35	50
20	1232 127	515 35	40
30	1357 125	479 36	30
40	1483 126	443 36	20
50	1607 124	408 35	10 **3**
57 0	9.51732 125	19.4372 36	60
10	1856 124	336 36	50
20	1980 124	300 36	40
30	2103 123	264 36	30
40	2226 123	227 37	20
50	2349 123	191 36	10 **2**
58 0	9.52471 123	19.4155 36	60
10	2593 122	118 37	50
20	2715 122	081 37	40
30	2836 121	045 36	30
40	2957 121	4008 37	20
50	3078 121	3971 37	10 **1**
59 0	9.53198 120	19.3934 37	60
10	3317 119	897 37	50
20	3437 120	859 38	40
30	3556 119	822 37	30
40	3675 119	784 38	20
50	3793 118	747 37	10 **0**
60 0	9.53911 118	19.3709 38	0

11h, 23h

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TABLA I.

1h, 13h

a	log n sen a	n cos a	a
m s		″	s m
0 0	9.53911	19.3709	60
10	4029 118	671 38	50
20	4146 117	633 38	40
30	4263 117	595 38	30
40	4380 117	557 38	20
50	4496 116	519 38	10 **59**
1 0	9.54612 116	19.3481 38	60
10	4728 116	442 39	50
20	4843 115	404 38	40
30	4958 115	365 39	30
40	5073 115	326 39	20
50	5187 114	287 39	10 **58**
2 0	9.55301 114	19.3249 38	60
10	5415 114	210 39	50
20	5528 113	170 40	40
30	5642 114	131 39	30
40	5754 112	092 39	20
50	5867 113	053 39	10 **57**
3 0	9.55979 112	19.3013 40	60
10	6091 112	2973 40	50
20	6202 111	934 39	40
30	6313 111	894 40	30
40	6424 111	854 40	20
50	6535 111	814 40	10 **56**
4 0	9.56645 110	19.2774 40	60
10	6755 110	733 41	50
20	6865 110	693 40	40
30	6974 109	653 40	30
40	7083 109	612 41	20
50	7192 109	571 41	10 **55**
5 0	9.57301 109	19.2531 40	60
10	7409 108	490 41	50
20	7517 108	449 41	40
30	7625 108	408 41	30
40	7732 107	367 41	20
50	7839 107	325 42	10 **54**
6 0	9.57946 107	19.2284 41	60
10	8052 106	242 42	50
20	8158 106	201 41	40
30	8264 106	159 42	30
40	8370 106	117 42	20
50	8475 105	076 41	10 **53**
7 0	9.58580 105	19.2034 42	60
10	8685 105	1992 42	50
20	8790 105	949 43	40
30	8894 104	907 42	30
40	8998 104	865 42	20
50	9102 104	822 43	10 **52**
8 0	9.59205 103	19.1780 42	60
10	9308 103	737 43	50
20	9411 103	694 43	40
30	9514 103	651 43	30
40	9616 102	608 43	20
50	9718 102	565 43	10 **51**
9 0	9.59820 102	19.1522 43	60
10	59922 101	479 44	50
20	60023 101	435 43	40
30	0124 101	392 44	30
40	0225 100	348 44	20
50	0325 101	304 43	10 **50**
10 0	9.60426	19.1261	0

a	log n sen a	n cos a	a
m s		″	s m
10 0	9.60426	19.1261	60
10	0526 100	217 44	50
20	0625 99	173 44	40
30	0725 100	129 44	30
40	0824 99	084 45	20
50	0923 99	040 44	10 **49**
11 0	9.61022 99	19.0996 44	60
10	1121 99	951 45	50
20	1219 98	907 44	40
30	1317 98	862 45	30
40	1415 98	817 45	20
50	1512 97	772 45	10 **48**
12 0	9.61610 98	19.0727 45	60
10	1707 97	682 45	50
20	1804 97	637 45	40
30	1900 96	592 45	30
40	1997 97	546 46	20
50	2093 96	500 46	10 **47**
13 0	9.62189 96	19.0455 45	60
10	2284 95	409 46	50
20	2380 96	363 46	40
30	2475 95	317 46	30
40	2570 95	271 46	20
50	2665 95	225 46	10 **46**
14 0	9.62759 94	19.0179 46	60
10	2853 94	133 46	50
20	2947 94	086 47	40
30	3041 94	19.0040 46	30
40	3135 94	18.9993 47	20
50	3228 93	946 47	10 **45**
15 0	9.63321 93	18.9900 46	60
10	3414 93	853 47	50
20	3507 93	806 47	40
30	3600 93	758 48	30
40	3692 92	711 47	20
50	3784 92	664 47	10 **44**
16 0	9.63876 92	18.9617 47	60
10	3967 91	569 48	50
20	4059 92	521 48	40
30	4150 91	474 47	30
40	4241 91	426 48	20
50	4332 91	378 48	10 **48**
17 0	9.64422 90	18.9330 48	60
10	4512 90	282 48	50
20	4603 91	233 49	40
30	4693 90	185 48	30
40	4782 89	137 48	20
50	4872 90	088 49	10 **42**
18 0	9.64961 89	18.9039 49	60
10	5050 89	8991 48	50
20	5139 89	942 49	40
30	5228 89	893 49	30
40	5316 88	844 49	20
50	5404 88	795 49	10 **41**
19 0	9.65492 88	18.8746 49	60
10	5580 88	696 50	50
20	5668 88	647 49	40
30	5755 87	597 50	30
40	5843 88	548 49	20
50	5930 87	498 50	10 **40**
20 0	9.66017 87	18.8448 50	0

a	log n sen a	n cos a	a
m s		″	s m
20 0	9.66017	18.8448	60
10	6103 86	398 50	50
20	6190 87	348 50	40
30	6276 86	298 50	30
40	6362 86	248 50	20
50	6448 86	197 51	10 **39**
21 0	9.66534 86	18.8147 50	60
10	6619 85	097 50	50
20	6705 86	8046 51	40
30	6790 85	7995 51	30
40	6875 85	944 51	20
50	6959 84	893 51	10 **38**
22 0	9.67044 85	18.7842 51	60
10	7128 84	791 51	50
20	7213 85	740 51	40
30	7297 84	689 51	30
40	7380 83	637 52	20
50	7464 84	586 51	10 **37**
23 0	9.67547 83	18.7534 52	60
10	7631 84	482 52	50
20	7714 83	431 51	40
30	7797 83	379 52	30
40	7879 82	327 52	20
50	7962 83	275 52	10 **36**
24 0	9.68044 82	18.7222 53	60
10	8127 83	170 52	50
20	8209 82	118 52	40
30	8290 81	065 53	30
40	8372 82	7012 53	20
50	8454 82	6960 52	10 **35**
25 0	9.68535 81	18.6907 53	60
10	8616 81	854 53	50
20	8697 81	801 53	40
30	8778 81	748 53	30
40	8858 80	695 53	20
50	8939 81	642 53	10 **34**
26 0	9.69019 80	18.6588 54	60
10	9099 80	535 53	50
20	9179 80	481 54	40
30	9259 80	427 54	30
40	9338 79	373 54	20
50	9418 80	320 53	10 **33**
27 0	9.69497 79	18.6266 54	60
10	9576 79	212 54	50
20	9655 79	157 55	40
30	9734 79	103 54	30
40	9812 78	6049 54	20
50	9891 79	5994 55	10 **32**
28 0	9.69969 78	18.5940 54	60
10	70047 78	885 55	50
20	0125 78	830 55	40
30	0203 78	775 55	30
40	0280 77	720 55	20
50	0358 78	665 55	10 **31**
29 0	9.70435 77	18.5610 55	60
10	0512 77	555 55	50
20	0589 77	499 56	40
30	0666 77	444 55	30
40	0743 77	388 56	20
50	0819 76	333 55	10 **30**
30 0	9.70895 76	18.5277 56	0

10h, 22h

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TABLE I.

1h, 13h

α	log n sin α	n cos α	α
m s		″	s m
30 0	9.708954 762	18.5277 56	60
10	09716 760	5221 56	50
20	10476 759	5165 56	40
30	11235 757	5109 56	30
40	11992 755	5053 56	20
50	12747 754	4997 57	10 29
31 0	9.713501 753	18.4940 56	60
10	14254 750	4884 57	50
20	15004 750	4827 56	40
30	15754 748	4771 57	30
40	16502 746	4714 57	20
50	17248 745	4657 57	10 28
32 0	9.717993 743	18.4600 57	60
10	18736 742	4543 57	50
20	19478 740	4486 57	40
30	20218 739	4429 58	30
40	20957 737	4371 57	20
50	21694 736	4314 57	10 27
33 0	9.722430 734	18.4257 58	60
10	23164 733	4199 58	50
20	23897 732	4141 58	40
30	24629 730	4083 58	30
40	25359 728	4025 58	20
50	26087 727	3967 58	10 26
34 0	9.726814 726	18.3909 58	60
10	27540 724	3851 58	50
20	28264 723	3793 59	40
30	28987 721	3734 58	30
40	29708 720	3676 59	20
50	30428 719	3617 58	10 25
35 0	9.731147 717	18.3559 59	60
10	31864 715	3500 59	50
20	32579 715	3441 59	40
30	33294 713	3382 59	30
40	34007 711	3323 59	20
50	34718 710	3264 59	10 24
36 0	9.735428 709	18.3205 60	60
10	36137 707	3145 59	50
20	36844 706	3086 60	40
30	37550 704	3026 60	30
40	38254 703	2966 60	20
50	38957 702	2906 59	10 23
37 0	9.739659 701	18.2847 60	60
10	40360 699	2787 60	50
20	41059 698	2727 60	40
30	41757 696	2667 61	30
40	42453 695	2606 60	20
50	43148 694	2546 61	10 22
38 0	9.743842 692	18.2485 60	60
10	44534 691	2425 60	50
20	45225 690	2365 61	40
30	45915 688	2304 61	30
40	46603 687	2243 61	20
50	47290 686	2182 61	10 21
39 0	9.747976 684	18.2121 61	60
10	48660 683	2060 61	50
20	49343 682	1999 61	40
30	50025 681	1938 62	30
40	50706 679	1876 61	20
50	51385 678	1815 62	10 20
40 0	9.752063	18.1753	0

α	log n sin α	n cos α	α
m s		″	s m
40 0	9.752063 677	18.1753 63	60
10	52740 675	1691 61	50
20	53415 674	1630 62	40
30	54089 673	1568 62	30
40	54762 671	1506 62	20
50	55433 671	1444 63	10 19
41 0	9.756104 669	18.1381 63	60
10	56773 668	1319 62	50
20	57441 666	1257 62	40
30	58107 665	1195 63	30
40	58772 664	1132 63	20
50	59436 663	1069 63	10 18
42 0	9.760099 662	18.1006 63	60
10	60761 660	0944 63	50
20	61421 659	0881 63	40
30	62080 658	0818 63	30
40	62738 656	0755 64	20
50	63394 656	0691 63	10 17
43 0	9.764050 654	18.0628 63	60
10	64704 653	0565 64	50
20	65357 652	0501 63	40
30	66009 650	0438 64	30
40	66659 649	0374 64	20
50	67308 649	0310 64	10 16
44 0	9.767957 647	18.0246 64	60
10	68604 645	0182 64	50
20	69249 645	0118 64	40
30	69894 643	18.0054 64	30
40	70537 642	17.9990 65	20
50	71179 641	9925 64	10 15
45 0	9.771820 640	17.9861 65	60
10	72460 639	9796 64	50
20	73099 638	9732 65	40
30	73737 636	9667 65	30
40	74373 635	9602 65	20
50	75008 634	9537 65	10 14
46 0	9.775642 633	17.9472 65	60
10	76275 632	9407 65	50
20	76907 630	9342 65	40
30	77537 630	9277 66	30
40	78167 628	9211 65	20
50	78795 627	9146 66	10 13
47 0	9.779422 626	17.9080 66	60
10	80048 625	9014 66	50
20	80673 624	8948 65	40
30	81297 623	8883 66	30
40	81920 621	8817 66	20
50	82541 620	8751 67	10 12
48 0	9.783161 620	17.8684 66	60
10	83781 618	8618 66	50
20	84399 617	8552 67	40
30	85016 616	8485 66	30
40	85632 615	8419 67	20
50	86247 614	8352 66	10 11
49 0	9.786861 612	17.8286 67	60
10	87473 612	8219 67	50
20	88085 610	8152 67	40
30	88695 610	8085 67	30
40	89305 608	8018 68	20
50	89913 607	7950 67	10 10
50 0	9.790520	17.7883	0

α	log n sin α	n cos α	α
m s		″	s m
50 0	9.790520 606	17.7883 67	60
10	91126 605	7816 68	50
20	91731 605	7748 67	40
30	92336 603	7681 68	30
40	92939 601	7613 68	20
50	93540 601	7545 67	10 9
51 0	9.794141 600	17.7478 69	60
10	94741 599	7409 68	50
20	95340 597	7341 68	40
30	95937 597	7273 68	30
40	96534 596	7205 68	20
50	97130 594	7137 69	10 8
52 0	9.797724 593	17.7068 68	60
10	98317 593	7000 69	50
20	98910 591	6931 68	40
30	799501 591	6863 69	30
40	800092 589	6794 69	20
50	00681 588	6725 69	10 7
53 0	9.801269 587	17.6656 69	60
10	01856 587	6587 69	50
20	02443 585	6518 70	40
30	03028 584	6448 69	30
40	03612 583	6379 69	20
50	04195 583	6310 70	10 6
54 0	9.804778 581	17.6240 70	60
10	05359 580	6170 69	50
20	05939 579	6101 70	40
30	06518 578	6031 70	30
40	07096 577	5961 70	20
50	07673 577	5891 70	10 5
55 0	9.808250 575	17.5821 70	60
10	08825 574	5751 71	50
20	09399 573	5680 70	40
30	09972 572	5610 70	30
40	10544 572	5540 71	20
50	11116 570	5469 71	10 4
56 0	9.811686 569	17.5398 70	60
10	12255 568	5328 71	50
20	12823 568	5257 71	40
30	13391 566	5186 71	30
40	13957 566	5115 71	20
50	14523 564	5044 73	10 3
57 0	9.815087 563	17.4972 71	60
10	15650 563	4901 71	50
20	16213 562	4830 73	40
30	16775 560	4758 71	30
40	17335 560	4687 73	20
50	17895 559	4615 73	10 2
58 0	9.818454 557	17.4543 73	60
10	19011 557	4471 73	50
20	19568 556	4399 73	40
30	20124 555	4327 73	30
40	20679 554	4255 73	20
50	21233 553	4183 73	10 1
59 0	9.821786 552	17.4111 73	60
10	22338 551	4038 73	50
20	22889 551	3966 73	40
30	23440 549	3893 73	30
40	23989 548	3820 73	20
50	24537 548	3748 73	10 0
60 0	9.825085	17.3675	0

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TABLA I.

2h, 14h

a	log n sen a		n cos a		a	a	log n sen a		n cos a		a	a	log n sen a		n cos a		a	a	log n sen a		n cos a		a
m s			"		s m	m s			"		s m	m s			"		s m	m s			"		s m
0 0	9.825085	546	17.3675	73	60	10 0	9.856331	496	16.9136	79	60	20 0	9.884706	451	16.4275	84	60	30 0	9.910562	412	15.9101	89	0
10	25631	546	3602	73	50	10	56827	494	9057	78	50	10	85157	450	4191	84	50	10	90953	443	3095	85	40
20	26177	545	3529	73	40	20	57321	494	8979	79	40	20	85607	449	4107	84	40	20	91394	441	3010	85	30
30	26722	544	3456	73	30	30	57815	493	8900	79	30	30	86056	449	4024	83	30	30	91834	440	2925	85	20
40	27266	543	3382	74	20	40	58308	492	8821	79	20	40	86505	447	3939	85	20	40	92274	440	2840	85	10 **37**
50	27808	542	3309	73	10 **59**	50	58800	491	8743	78	10 **49**	50	86952	448	3855	84	10 **39**	50	92713	439	2755	85	60
1 0	9.828350	541	17.3236	74	60	11 0	9.859291	491	16.8663	80	60	21 0	9.887400	446	16.3771	84	60	23 0	9.892713	439	16.2755	85	60
10	28891	541	3162	73	50	10	59782	490	8585	79	50	10	87846	446	3687	84	50	10	93152	437	2670	85	50
20	29432	539	3089	74	40	20	60272	489	8506	79	40	20	88292	445	3603	85	40	20	93589	437	2584	86	40
30	29971	538	3015	74	30	30	60761	488	8427	79	30	30	88737	445	3518	84	30	30	94026	437	2499	85	30
40	30509	538	2941	74	20	40	61249	488	8348	80	20	40	89182	444	3434	85	20	40	94463	435	2413	86	20
50	31047	537	2867	74	10 **58**	50	61737	486	8268	79	10 **48**	50	89626	443	3349	84	10 **38**	50	94898	435	2328	86	10 **36**
2 0	9.831584	535	17.2793	74	60	12 0	9.862223	486	16.8189	80	60	22 0	9.890069	443	16.3265	85	60	24 0	9.895333	435	16.2242	86	60
10	32119	535	2719	74	50	10	62709	486	8109	79	50	10	90511	443	3180	85	50	10	95768	434	2156	86	50
20	32654	534	2645	74	40	20	63195	484	8030	80	40	20	90953	441	3095	85	40	20	96202	433	2070	86	40
30	33188	533	2571	75	30	30	63679	484	7950	79	30	30	91394	440	3010	85	30	30	96635	432	1984	86	30
40	33721	532	2496	74	20	40	64163	483	7871	80	20	40	91834	440	2925	85	20	40	97067	432	1898	86	20
50	34253	532	2422	75	10 **57**	50	64646	482	7791	80	10 **47**	50	92274	439	2840	85	10 **35**	50	97499	431	1812	86	10 **35**
3 0	9.834785	530	17.2347	74	60	13 0	9.865128	481	16.7711	80	60	23 0	9.892713	439	16.2755	85	60	25 0	9.897930	430	16.1726	86	60
10	35315	530	2273	75	50	10	65609	481	7631	80	50	10	93152	437	2670	85	50	10	98360	430	1640	86	50
20	35845	528	2198	75	40	20	66090	479	7551	80	40	20	93589	437	2584	86	40	20	98790	429	1554	87	40
30	36373	528	2123	75	30	30	66569	479	7471	81	30	30	94026	437	2499	86	30	30	99219	428	1467	86	30
40	36901	527	2048	75	20	40	67048	479	7390	80	20	40	94463	435	2413	85	20	40	899647	428	1381	87	20
50	37428	526	1973	75	10 **56**	50	67527	477	7310	81	10 **46**	50	94898	435	2328	86	10 **34**	50	900075	427	1294	87	10 **34**
4 0	9.837954	525	17.1898	75	60	14 0	9.868004	477	16.7229	80	60	24 0	9.895333	435	16.2242	86	60	26 0	9.900502	427	16.1207	87	60
10	38479	525	1823	75	50	10	68481	476	7149	81	50	10	95768	434	2156	86	50	10	00929	426	1120	86	50
20	39004	523	1748	75	40	20	68957	475	7068	80	40	20	96202	433	2070	86	40	20	01355	425	1034	87	40
30	39527	523	1673	76	30	30	69432	475	6988	81	30	30	96635	432	1984	86	30	30	01780	424	0947	87	30
40	40050	521	1597	75	20	40	69907	474	6907	81	20	40	97067	432	1898	86	20	40	02204	424	0860	87	20
50	40571	521	1522	76	10 **55**	50	70381	473	6826	81	10 **45**	50	97499	431	1812	86	10 **33**	50	02628	424	0772	88	10 **33**
5 0	9.841092	520	17.1446	76	60	15 0	9.870854	472	16.6745	81	60	25 0	9.897930	430	16.1726	86	60	27 0	9.903052	422	16.0685	87	60
10	41612	519	1370	76	50	10	71326	472	6664	81	50	10	98360	430	1640	86	50	10	03474	422	0598	87	50
20	42131	519	1294	76	40	20	71798	470	6583	82	40	20	98790	429	1554	87	40	20	03896	421	0511	88	40
30	42650	517	1219	76	30	30	72268	470	6501	81	30	30	99219	428	1467	86	30	30	04317	421	0423	87	30
40	43167	517	1143	76	20	40	72738	470	6420	81	20	40	899647	428	1381	87	20	40	04738	420	0336	88	20
50	43684	516	1067	77	10 **54**	50	73208	468	6339	82	10 **44**	50	900075	427	1294	87	10 **32**	50	05158	420	0248	88	10 **32**
6 0	9.844200	515	17.0990	76	60	16 0	9.873676	468	16.6257	81	60	26 0	9.900502	427	16.1207	87	60	28 0	9.905578	419	16.0160	88	60
10	44715	514	0914	76	50	10	74144	467	6176	82	50	10	00929	426	1120	86	50	10	05997	418	16.0072	88	50
20	45229	513	0838	77	40	20	74611	467	6094	82	40	20	01355	425	1034	87	40	20	06415	417	15.9984	88	40
30	45742	513	0761	76	30	30	75078	465	6012	82	30	30	01780	424	0947	87	30	30	06832	417	9896	88	30
40	46255	511	0685	77	20	40	75543	465	5930	82	20	40	02204	424	0860	87	20	40	07249	416	9808	88	20
50	46766	511	0608	76	10 **53**	50	76008	465	5848	82	10 **43**	50	02628	424	0772	87	10 **31**	50	07665	416	9720	88	10 **31**
7 0	9.847277	510	17.0532	77	60	17 0	9.876473	463	16.5766	82	60	27 0	9.903052	422	16.0685	87	60	29 0	9.908081	415	15.9632	88	60
10	47787	509	0455	77	50	10	76936	463	5684	82	50	10	03474	422	0598	87	50	10	08496	414	9544	88	50
20	48296	508	0378	77	40	20	77399	462	5602	82	40	20	03896	421	0511	88	40	20	08910	414	9456	89	40
30	48804	508	0301	77	30	30	77861	461	5520	83	30	30	04317	421	0423	87	30	30	09324	413	9367	89	30
40	49312	507	0224	77	20	40	78322	461	5437	82	20	40	04738	420	0336	88	20	40	09737	413	9278	88	20
50	49819	505	0147	78	10 **52**	50	78783	460	5355	83	10 **42**	50	05158	420	0248	88	10 **30**	50	10150	412	9190	89	10 **30**
8 0	9.850324	505	17.0069	77	60	18 0	9.879243	459	16.5272	83	60	28 0	9.905578	419	16.0160	88	60	30 0	9.910562		15.9101		0
10	50829	505	16.9992	78	50	10	79702	458	5189	83	50	10	05997	418	16.0072	88	50						
20	51334	503	9915	77	40	20	80160	458	5107	83	40	20	06415	417	15.9984	88	40						
30	51837	503	9837	78	30	30	80618	457	5024	83	30	30	06832	417	9896	88	30						
40	52340	501	9760	77	20	40	81075	456	4941	83	20	40	07249	416	9808	88	20						
50	52841	501	9682	78	10 **51**	50	81531	456	4858	83	10 **41**	50	07665	416	9720	88	10 **31**						
9 0	9.853342	500	16.9604	78	60	19 0	9.881987	455	16.4775	83	60	29 0	9.908081	415	15.9632	88	60						
10	53842	500	9526	78	50	10	82442	454	4692	83	50	10	08496	414	9544	88	50						
20	54342	498	9448	78	40	20	82896	454	4609	83	40	20	08910	414	9456	89	40						
30	54840	498	9370	78	30	30	83350	452	4525	84	30	30	09324	413	9367	89	30						
40	55338	497	9292	78	20	40	83802	453	4442	83	20	40	09737	413	9278	89	20						
50	55835	496	9214	78	10 **50**	50	84255	451	4358	84	10 **40**	50	10150	412	9190	89	10 **30**						
10 0	9.856331		16.9136		0	20 0	9.884706		16.4275		0	30 0	9.910562		15.9101		0						

9h, 21h

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TABLE I.

2h, 14h

α	log n sin α	n cos α	α
m s		″	s m
30 0	9.910562 411	15.9101 89	60
10	10973 411	9012 89	50
20	11384 410	8923 89	40
30	11794 409	8834 89	30
40	12203 409	8745 89	20
50	12612 408	8656 89	10 **29**
31 0	9.913020 408	15.8567 89	60
10	13428 407	8478 90	50
20	13835 406	8388 89	40
30	14241 406	8299 90	30
40	14647 405	8209 90	20
50	15052 405	8119 90	10 **28**
32 0	9.915457 404	15.8029 90	60
10	15861 403	7939 89	50
20	16264 403	7850 90	40
30	16667 402	7760 90	30
40	17069 401	7670 91	20
50	17470 401	7579 90	10 **27**
33 0	9.917871 401	15.7489 90	60
10	18272 399	7399 91	50
20	18671 399	7308 90	40
30	19070 399	7218 91	30
40	19469 398	7127 90	20
50	19867 397	7037 91	10 **26**
34 0	9.920264 397	15.6946 91	60
10	20661 396	6855 91	50
20	21057 396	6764 91	40
30	21453 395	6673 91	30
40	21848 394	6582 91	20
50	22242 394	6491 91	10 **25**
35 0	9.922636 393	15.6400 92	60
10	23029 393	6308 91	50
20	23422 392	6217 91	40
30	23814 391	6126 92	30
40	24205 391	6034 92	20
50	24596 391	5942 91	10 **24**
36 0	9.924987 389	15.5851 92	60
10	25376 389	5759 92	50
20	25765 389	5667 92	40
30	26154 388	5575 92	30
40	26542 387	5483 92	20
50	26929 387	5391 93	10 **23**
37 0	9.927316 387	15.5298 92	60
10	27703 385	5206 92	50
20	28088 385	5114 93	40
30	28473 385	5021 92	30
40	28858 384	4929 93	20
50	29242 383	4836 93	10 **22**
38 0	9.929625 383	15.4743 92	60
10	30008 382	4651 93	50
20	30390 382	4558 93	40
30	30772 381	4465 93	30
40	31153 381	4372 94	20
50	31534 380	4278 93	10 **21**
39 0	9.931914 379	15.4185 93	60
10	32293 379	4092 93	50
20	32672 379	3999 94	40
30	33051 377	3905 93	30
40	33428 378	3812 94	20
50	33806 376	3718 94	10 **20**
40 0	9.934182	15.3624	0

α	log n sin α	n cos α	α
m s		″	s m
40 0	9.934182 376	15.3624 93	60
10	34558 376	3531 94	50
20	34934 375	3437 94	40
30	35309 374	3343 94	30
40	35683 374	3249 94	20
50	36057 374	3155 95	10 **19**
41 0	9.936431 373	15.3060 94	60
10	36803 373	2966 94	50
20	37176 371	2872 95	40
30	37547 372	2777 94	30
40	37919 370	2683 95	20
50	38289 370	2588 95	10 **18**
42 0	9.938659 370	15.2493 94	60
10	39029 369	2399 95	50
20	39398 368	2304 95	40
30	39766 368	2209 95	30
40	40134 367	2114 95	20
50	40501 367	2019 95	10 **17**
43 0	9.940868 366	15.1924 96	60
10	41234 366	1828 95	50
20	41600 365	1733 95	40
30	41965 365	1638 96	30
40	42330 364	1542 95	20
50	42694 364	1447 96	10 **16**
44 0	9.943058 363	15.1351 95	60
10	43421 362	1256 96	50
20	43783 362	1160 96	40
30	44145 362	1064 96	30
40	44507 361	0968 96	20
50	44868 360	0872 96	10 **15**
45 0	9.945228 360	15.0776 97	60
10	45588 359	0679 96	50
20	45947 359	0583 96	40
30	46306 358	0487 97	30
40	46664 358	0390 96	20
50	47022 357	0294 97	10 **14**
46 0	9.947379 357	15.0197 96	60
10	47736 356	0101 97	50
20	48092 356	15.0004 97	40
30	48448 355	14.9907 97	30
40	48803 355	9810 97	20
50	49158 354	9713 97	10 **13**
47 0	9.949512 353	14.9616 97	60
10	49865 353	9519 97	50
20	50218 353	9422 98	40
30	50571 352	9324 97	30
40	50923 352	9227 98	20
50	51275 351	9129 97	10 **12**
48 0	9.951626 350	14.9032 98	60
10	51976 350	8934 97	50
20	52326 350	8837 98	40
30	52676 349	8739 98	30
40	53025 348	8641 98	20
50	53373 348	8543 98	10 **11**
49 0	9.953721 347	14.8445 98	60
10	54068 347	8347 98	50
20	54415 347	8249 99	40
30	54762 346	8150 98	30
40	55108 345	8052 98	20
50	55453 345	7954 99	10 **10**
50 0	9.955798	14.7855	0

α	log n sin α	n cos α	α
m s		″	s m
50 0	9.955798 344	14.7855 98	60
10	56142 344	7757 99	50
20	56486 344	7658 99	40
30	56830 343	7559 98	30
40	57173 342	7461 99	20
50	57515 342	7362 99	10 **9**
51 0	9.957857 341	14.7263 99	60
10	58198 341	7164 99	50
20	58539 341	7065 100	40
30	58880 340	6965 99	30
40	59220 339	6866 99	20
50	59559 339	6767 100	10 **8**
52 0	9.959898 339	14.6667 99	60
10	60237 337	6568 100	50
20	60574 338	6468 99	40
30	60912 337	6369 100	30
40	61249 336	6269 100	20
50	61585 336	6169 100	10 **7**
53 0	9.961921 336	14.6069 100	60
10	62257 335	5969 100	50
20	62592 334	5869 100	40
30	62926 334	5769 100	30
40	63260 334	5669 100	20
50	63594 333	5569 101	10 **6**
54 0	9.963927 332	14.5468 100	60
10	64259 333	5368 101	50
20	64592 331	5267 100	40
30	64923 331	5167 101	30
40	65254 331	5066 101	20
50	65585 330	4965 101	10 **5**
55 0	9.965915 330	14.4864 100	60
10	66245 329	4764 101	50
20	66574 329	4663 101	40
30	66903 328	4562 102	30
40	67231 328	4460 101	20
50	67559 327	4359 101	10 **4**
56 0	9.967886 327	14.4258 101	60
10	68213 326	4157 102	50
20	68539 326	4055 101	40
30	68865 325	3954 102	30
40	69190 325	3852 101	20
50	69515 325	3751 102	10 **3**
57 0	9.969840 324	14.3649 102	60
10	70164 323	3547 102	50
20	70487 323	3445 102	40
30	70810 323	3343 102	30
40	71133 322	3241 102	20
50	71455 321	3139 102	10 **2**
58 0	9.971776 322	14.3037 102	60
10	72098 320	2935 103	50
20	72418 321	2832 102	40
30	72739 319	2730 103	30
40	73058 320	2627 102	20
50	73378 318	2525 103	10 **1**
59 0	9.973696 319	14.2422 103	60
10	74015 318	2319 102	50
20	74333 317	2217 103	40
30	74650 317	2114 103	30
40	74967 317	2011 103	20
50	75284 316	1908 103	10 **0**
60 0	9.975600	14.1805	0

9h, 21h

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TABLA I.

3h, 15h

a	log n sen a		n cos a		a		a	log n sen a		n cos a		a		a	log n sen a		n cos a		a	
m s			"		s	m	m s			"		s	m	m s			"		s	m
0 0	9.975600	315	14.1805	108	60		10 0	9.993746	289	13.5484	107	60		20 0	0.010369	264	12.8906	112	60	
10	75915	315	1702	104	50		10	94035	288	5377	108	50		10	10633	265	8794	111	50	
20	76230	315	1598	103	40		20	94323	289	5269	108	40		20	10898	264	8683	112	40	
30	76545	314	1495	108	30		30	94612	288	5161	107	30		30	11162	264	8571	112	30	
40	76859	314	1392	104	20		40	94900	287	5054	108	20		40	11426	263	8459	112	20	
50	77173	313	1288	103	10	59	50	95187	287	4946	108	10	49	50	11689	263	8347	112	10	39
1 0	9.977486	313	14.1185	104	60		11 0	9.995474	287	13.4838	108	60		21 0	0.011952	262	12.8235	113	60	
10	77799	313	1081	104	50		10	95761	286	4730	108	50		10	12214	262	8122	112	50	
20	78112	312	0977	103	40		20	96047	286	4622	108	40		20	12476	262	8010	112	40	
30	78424	311	0874	104	30		30	96333	286	4514	108	30		30	12738	261	7898	112	30	
40	78735	311	0770	104	20		40	96619	285	4406	109	20		40	12999	261	7786	113	20	
50	79046	311	0666	104	10	58	50	96904	284	4297	108	10	43	50	13260	261	7673	112	10	38
2 0	9.979357	310	14.0562	104	60		12 0	9.997188	284	13.4189	108	60		22 0	0.013521	260	12.7561	113	60	
10	79667	310	0458	104	50		10	97472	284	4081	109	50		10	13781	260	7449	113	50	
20	79977	309	0354	105	40		20	97756	283	3972	109	40		20	14041	259	7336	113	40	
30	80286	309	0249	104	30		30	98039	283	3863	108	30		30	14300	259	7223	113	30	
40	80595	308	0145	104	20		40	98322	283	3755	109	20		40	14559	259	7110	113	20	
50	80903	308	0041	104	10	57	50	98605	283	3646	108	10	47	50	14818	258	6997	113	10	37
3 0	9.981211	307	13.9937	105	60		13 0	9.998887	282	13.3538	109	60		23 0	0.015076	258	12.6884	113	60	
10	81518	307	9832	105	50		10	99169	281	3429	109	50		10	15334	257	6771	113	50	
20	81825	307	9727	104	40		20	99450	281	3320	109	40		20	15591	257	6658	113	40	
30	82132	306	9623	105	30		30	9.999731	280	3211	109	30		30	15848	257	6545	113	30	
40	82438	306	9518	105	20		40	0.000011	280	3102	109	20		40	16105	256	6432	113	20	
50	82744	305	9413	105	10	56	50	00291	280	2993	110	10	46	50	16361	256	6319	114	10	36
4 0	9.983049	305	13.9308	104	60		14 0	0.000571	279	13.2883	109	60		24 0	0.016617	256	12.6205	113	60	
10	83354	304	9204	105	50		10	00850	279	2774	109	50		10	16873	255	6092	113	50	
20	83658	304	9099	106	40		20	01129	278	2665	110	40		20	17128	255	5979	114	40	
30	83962	303	8993	105	30		30	01407	278	2555	109	30		30	17383	254	5865	113	30	
40	84265	303	8888	105	20		40	01685	278	2446	110	20		40	17637	254	5752	114	20	
50	84568	303	8783	105	10	55	50	01963	277	2336	109	10	45	50	17891	254	5638	114	10	35
5 0	9.984871	302	13.8678	106	60		15 0	0.002240	277	13.2227	110	60		25 0	0.018145	253	12.5524	114	60	
10	85173	302	8572	105	50		10	02517	276	2117	110	50		10	18398	253	5410	114	50	
20	85475	301	8467	106	40		20	02793	276	2007	109	40		20	18651	253	5296	113	40	
30	85776	301	8361	105	30		30	03069	276	1898	110	30		30	18904	252	5183	114	30	
40	86077	300	8256	106	20		40	03345	275	1788	110	20		40	19156	252	5069	114	20	
50	86377	300	8150	106	10	54	50	03620	275	1678	110	10	44	50	19408	251	4955	115	10	34
6 0	9.986677	299	13.8044	106	60		16 0	0.003895	274	13.1568	111	60		26 0	0.019659	251	12.4840	114	60	
10	86976	300	7938	105	50		10	04169	274	1457	110	50		10	19910	251	4726	114	50	
20	87276	298	7833	106	40		20	04443	273	1347	110	40		20	20161	250	4612	114	40	
30	87574	298	7727	107	30		30	04716	273	1237	110	30		30	20411	250	4498	115	30	
40	87872	298	7620	106	20		40	04989	273	1127	111	20		40	20661	250	4383	114	20	
50	88170	297	7514	106	10	53	50	05262	273	1016	110	10	43	50	20911	249	4269	114	10	33
7 0	9.988467	297	13.7408	106	60		17 0	0.005535	271	13.0906	110	60		27 0	0.021160	249	12.4155	115	60	
10	88764	297	7302	106	50		10	05806	272	0796	111	50		10	21409	248	4040	115	50	
20	89061	296	7196	107	40		20	06078	271	0685	111	40		20	21657	248	3925	114	40	
30	89357	295	7089	106	30		30	06349	271	0574	110	30		30	21905	248	3811	115	30	
40	89652	295	6983	107	20		40	06620	270	0464	111	20		40	22153	247	3696	115	20	
50	89947	295	6876	107	10	52	50	06890	270	0353	111	10	42	50	22400	247	3581	115	10	32
8 0	9.990242	295	13.6769	106	60		18 0	0.007160	270	13.0242	111	60		28 0	0.022647	246	12.3466	115	60	
10	90537	293	6663	107	50		10	07430	269	0131	111	50		10	22893	247	3351	115	50	
20	90830	294	6556	107	40		20	07699	269	13.0020	111	40		20	23140	245	3236	115	40	
30	91124	293	6449	107	30		30	07968	268	12.9909	111	30		30	23385	246	3121	115	30	
40	91417	292	6342	107	20		40	08236	268	9798	111	20		40	23631	245	3006	115	20	
50	91709	292	6235	107	10	51	50	08504	267	9687	112	10	41	50	23876	245	2891	115	10	31
9 0	9.992001	292	13.6128	107	60		19 0	0.008771	268	12.9575	111	60		29 0	0.024121	244	12.2776	116	60	
10	92293	292	6021	107	50		10	09039	266	9464	112	50		10	24365	244	2660	115	50	
20	92585	291	5914	107	40		20	09305	267	9352	111	40		20	24609	244	2545	116	40	
30	92876	290	5807	108	30		30	09572	266	9241	112	30		30	24853	243	2429	115	30	
40	93166	290	5699	107	20		40	09838	265	9129	111	20		40	25096	243	2314	116	20	
50	93456	290	5592	108	10	50	50	10103	266	9018	112	10	40	50	25339	242	2198	116	10	30
10 0	9.993746		13.5484		0		20 0	0.010369		12.8906		0		30 0	0.025581		12.2082		0	

8h, 20h

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TABLE I.

3h, 15h

a	log n sin a		n cos a		a
m s			″		s m
30 0	0.025581	242	12.2082	115	60
10	25823	242	1967	116	50
20	26065	242	1851	116	40
30	26307	241	1735	116	30
40	26548	241	1619	116	20
50	26789	240	1503	116	10 **29**
31 0	0.027029	240	12.1387	116	60
10	27269	240	1271	116	50
20	27509	239	1155	116	40
30	27748	239	1039	117	30
40	27987	238	0922	116	20
50	28225	238	0806	117	10 **28**
32 0	0.028463	238	12.0689	116	60
10	28701	238	0573	117	50
20	28939	237	0456	116	40
30	29176	236	0340	117	30
40	29412	237	0223	117	20
50	29649	236	12.0106	117	10 **27**
33 0	0.029885	235	11.9989	116	60
10	30120	236	9873	117	50
20	30356	235	9756	117	40
30	30591	234	9639	118	30
40	30825	235	9521	117	20
50	31060	233	9404	117	10 **26**
34 0	0.031293	234	11.9287	117	60
10	31527	233	9170	118	50
20	31760	233	9052	117	40
30	31993	232	8935	117	30
40	32225	233	8818	118	20
50	32458	231	8700	118	10 **25**
35 0	0.032689	232	11.8582	117	60
10	32921	231	8465	118	50
20	33152	230	8347	117	40
30	33382	231	8230	118	30
40	33613	230	8112	118	20
50	33843	229	7994	118	10 **24**
36 0	0.034072	230	11.7876	118	60
10	34302	229	7758	118	50
20	34531	228	7640	118	40
30	34759	228	7522	119	30
40	34987	228	7403	118	20
50	35215	228	7285	118	10 **23**
37 0	0.035443	227	11.7167	119	60
10	35670	227	7048	118	50
20	35897	226	6930	119	40
30	36123	227	6811	118	30
40	36350	225	6693	119	20
50	36575	226	6574	119	10 **22**
38 0	0.036801	225	11.6455	118	60
10	37026	225	6337	119	50
20	37251	224	6218	119	40
30	37475	224	6099	119	30
40	37699	224	5980	119	20
50	37923	223	5861	119	10 **21**
39 0	0.038146	223	11.5742	119	60
10	38369	223	5623	119	50
20	38592	222	5504	119	40
30	38814	222	5385	120	30
40	39036	222	5265	119	20
50	39258	221	5146	120	10 **20**
40 0	0.039479		11.5026		0

a	log n sin a		n cos a		a
m s			″		s m
40 0	0.039479	221	11.5026	119	60
10	39700	221	4907	120	50
20	39921	220	4787	119	40
30	40141	220	4668	120	30
40	40361	220	4548	120	20
50	40581	219	4428	119	10 **19**
41 0	0.040800	219	11.4309	120	60
10	41019	219	4189	120	50
20	41238	218	4069	120	40
30	41456	218	3949	120	30
40	41674	217	3829	120	20
50	41891	217	3709	121	10 **18**
42 0	0.042108	217	11.3588	120	60
10	42325	217	3468	120	50
20	42542	216	3348	120	40
30	42758	216	3228	121	30
40	42974	215	3107	120	20
50	43189	216	2987	121	10 **17**
43 0	0.043405	215	11.2866	120	60
10	43620	214	2746	121	50
20	43834	214	2625	121	40
30	44048	214	2504	120	30
40	44262	214	2384	121	20
50	44476	213	2263	121	10 **16**
44 0	0.044689	213	11.2142	121	60
10	44902	212	2021	121	50
20	45114	213	1900	121	40
30	45327	211	1779	121	30
40	45538	212	1658	121	20
50	45750	211	1537	122	10 **15**
45 0	0.045961	211	11.1415	121	60
10	46172	210	1294	121	50
20	46382	211	1173	122	40
30	46593	209	1051	121	30
40	46802	210	0930	122	20
50	47012	209	0808	121	10 **14**
46 0	0.047221	209	11.0687	122	60
10	47430	209	0565	122	50
20	47639	208	0443	121	40
30	47847	208	0322	122	30
40	48055	207	0200	122	20
50	48262	208	11.0078	122	10 **13**
47 0	0.048470	206	10.9956	122	60
10	48676	207	9834	122	50
20	48883	206	9712	122	40
30	49089	206	9590	122	30
40	49295	206	9468	122	20
50	49501	205	9346	123	10 **12**
48 0	0.049706	205	10.9223	122	60
10	49911	205	9101	122	50
20	50116	204	8979	123	40
30	50320	204	8856	122	30
40	50524	203	8734	123	20
50	50727	204	8611	123	10 **11**
49 0	0.050931	203	10.8488	122	60
10	51134	202	8366	123	50
20	51336	203	8243	123	40
30	51539	202	8120	123	30
40	51741	201	7997	123	20
50	51942	202	7874	123	10 **10**
50 0	0.052144		10.7751		0

a	log n sin a		n cos a		a
m s			″		s m
50 0	0.052144	201	10.7751	123	60
10	52345	201	7628	123	50
20	52546	200	7505	123	40
30	52746	200	7382	123	30
40	52946	200	7259	123	20
50	53146	199	7136	124	10 **9**
51 0	0.053345	199	10.7012	123	60
10	53544	199	6889	124	50
20	53743	199	6765	123	40
30	53942	198	6642	124	30
40	54140	198	6518	123	20
50	54338	197	6395	124	10 **8**
52 0	0.054535	197	10.6271	123	60
10	54732	197	6148	124	50
20	54929	197	6024	124	40
30	55126	196	5900	124	30
40	55322	196	5776	124	20
50	55518	196	5652	124	10 **7**
53 0	0.055714	195	10.5528	124	60
10	55909	195	5404	124	50
20	56104	194	5280	124	40
30	56298	195	5156	124	30
40	56493	194	5032	125	20
50	56687	193	4907	124	10 **6**
54 0	0.056880	194	10.4783	124	60
10	57074	193	4659	125	50
20	57267	193	4534	124	40
30	57460	192	4410	125	30
40	57652	192	4285	124	20
50	57844	193	4161	125	10 **5**
55 0	0.058036	191	10.4036	125	60
10	58227	192	3911	125	50
20	58419	191	3786	124	40
30	58610	190	3662	125	30
40	58800	190	3537	125	20
50	58990	190	3412	125	10 **4**
56 0	0.059180	190	10.3287	125	60
10	59370	189	3162	125	50
20	59559	189	3037	125	40
30	59748	189	2912	125	30
40	59937	188	2787	126	20
50	60125	188	2661	125	10 **3**
57 0	0.060313	187	10.2536	125	60
10	60500	188	2411	126	50
20	60688	188	2285	125	40
30	60876	186	2160	126	30
40	61062	187	2034	125	20
50	61249	186	1909	126	10 **2**
58 0	0.061435	186	10.1783	126	60
10	61621	185	1657	126	50
20	61806	186	1531	125	40
30	61992	185	1406	126	30
40	62177	184	1280	126	20
50	62361	185	1154	126	10 **1**
59 0	0.062546	184	10.1028	126	60
10	62730	183	0902	126	50
20	62913	184	0776	126	40
30	63097	183	0650	127	30
40	63280	183	0523	126	20
50	63463	183	0397	126	10 **0**
60 0	0.063645		10.0271		0

8h, 20h

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TABLA I.

4h, 16h

a	log n sen a		n cos a		a
			″		s m
0 m s 0	0.063645	183	10.0271	126	60
10	63828	181	0145	127	50
20	64009	181	10.0018	126	40
30	64191	181	9.9892	126	30
40	64372	181	9766	127	20
50	64553	181	9639	127	10 **59**
1 0	0.064734	180	9.9512	126	60
10	64914	180	9386	127	50
20	65094	180	9259	127	40
30	65274	179	9132	126	30
40	65453	180	9006	127	20
50	65633	178	8879	127	10 **58**
2 0	0.065811	179	9.8752	127	60
10	65990	178	8625	127	50
20	66168	178	8498	127	40
30	66346	178	8371	127	30
40	66524	177	8244	128	20
50	66701	177	8116	127	10 **57**
3 0	0.066878	177	9.7989	127	60
10	67055	176	7862	127	50
20	67231	176	7735	128	40
30	67407	176	7607	127	30
40	67583	176	7480	128	20
50	67759	175	7352	127	10 **56**
4 0	0.067934	175	9.7225	128	60
10	68109	174	7097	127	50
20	68283	175	6970	128	40
30	68458	174	6842	128	30
40	68632	173	6714	128	20
50	68805	174	6586	127	10 **55**
5 0	0.068979	173	9.6459	128	60
10	69152	173	6331	128	50
20	69325	172	6203	128	40
30	69497	173	6075	128	30
40	69670	172	5947	128	20
50	69842	171	5819	128	10 **54**
6 0	0.070013	171	9.5691	129	60
10	70184	172	5562	128	50
20	70356	170	5434	128	40
30	70526	171	5306	128	30
40	70697	170	5178	129	20
50	70867	170	5049	128	10 **53**
7 0	0.071037	169	9.4921	129	60
10	71206	170	4792	128	50
20	71376	168	4664	129	40
30	71544	169	4535	129	30
40	71713	169	4406	128	20
50	71882	168	4278	129	10 **52**
8 0	0.072050	167	9.4149	129	60
10	72217	168	4020	129	50
20	72385	167	3891	129	40
30	72552	167	3762	129	30
40	72719	167	3633	128	20
50	72886	166	3505	129	10 **51**
9 0	0.073052	166	9.3376	130	60
10	73218	166	3246	129	50
20	73384	165	3117	129	40
30	73549	165	2988	129	30
40	73714	165	2859	129	20
50	73879	165	2730	130	10 **50**
10 0	0.074044		9.2600		0

a	log n sen a		n cos a		a
			″		s m
10 m s 0	0.074044	164	9.2600	129	60
10	74208	164	2471	130	50
20	74372	163	2341	129	40
30	74535	164	2212	130	30
40	74699	163	2082	129	20
50	74862	163	1953	130	10 **49**
11 0	0.075025	162	9.1823	130	60
10	75187	163	1693	129	50
20	75350	161	1564	130	40
30	75511	162	1434	130	30
40	75673	161	1304	130	20
50	75834	162	1174	130	10 **48**
12 0	0.075996	160	9.1044	130	60
10	76156	161	0914	130	50
20	76317	160	0784	130	40
30	76477	160	0654	130	30
40	76637	160	0524	130	20
50	76797	159	0394	130	10 **47**
13 0	0.076956	159	9.0264	131	60
10	77115	159	0133	130	50
20	77274	158	9.0003	130	40
30	77432	158	8.9873	130	30
40	77590	158	9743	131	20
50	77748	158	9612	130	10 **46**
14 0	0.077906	157	8.9482	131	60
10	78063	157	9351	131	50
20	78220	157	9220	130	40
30	78377	156	9090	130	30
40	78533	157	8960	132	20
50	78690	155	8828	130	10 **45**
15 0	0.078845	156	8.8698	131	60
10	79001	156	8567	131	50
20	79157	155	8436	131	40
30	79312	154	8305	131	30
40	79466	155	8174	131	20
50	79621	154	8043	131	10 **44**
16 0	0.079775	154	8.7912	131	60
10	79929	153	7781	131	50
20	80082	154	7650	131	40
30	80236	153	7519	132	30
40	80389	152	7387	131	20
50	80541	153	7256	131	10 **43**
17 0	0.080694	152	8.7125	132	60
10	80846	152	6993	131	50
20	80998	152	6862	132	40
30	81150	151	6730	131	30
40	81301	151	6599	132	20
50	81452	151	6467	131	10 **42**
18 0	0.081603	150	8.6336	132	60
10	81753	151	6204	132	50
20	81904	150	6072	131	40
30	82054	149	5941	132	30
40	82203	150	5809	132	20
50	82353	149	5677	132	10 **41**
19 0	0.082502	148	8.5545	132	60
10	82650	149	5413	132	50
20	82799	148	5281	132	40
30	82947	148	5149	132	30
40	83095	148	5017	133	20
50	83243	147	4885	133	10 **40**
20 0	0.083390		8.4753		0

a	log n sen a		n cos a		a
			″		s m
20 m s 0	0.083390	148	8.4753	132	60
10	83538	146	4621	133	50
20	83684	147	4488	132	40
30	83831	146	4356	132	30
40	83977	146	4224	133	20
50	84123	146	4091	132	10 **39**
21 0	0.084269	145	8.3959	132	60
10	84414	146	3827	133	50
20	84560	145	3694	132	40
30	84705	144	3562	133	30
40	84849	144	3429	133	20
50	84993	145	3296	132	10 **38**
22 0	0.085138	143	8.3164	133	60
10	85281	144	3031	133	50
20	85425	143	2898	133	40
30	85568	143	2765	132	30
40	85711	143	2633	134	20
50	85854	142	2499	133	10 **37**
23 0	0.085996	142	8.2367	134	60
10	86138	142	2233	133	50
20	86280	142	2100	133	40
30	86422	141	1967	133	30
40	86563	141	1834	133	20
50	86704	141	1701	133	10 **36**
24 0	0.086845	140	8.1568	133	60
10	86985	141	1435	134	50
20	87126	140	1301	133	40
30	87266	139	1168	133	30
40	87405	140	1035	134	20
50	87545	139	0901	133	10 **35**
25 0	0.087684	138	8.0768	134	60
10	87822	139	0634	133	50
20	87961	138	0501	134	40
30	88099	138	0367	134	30
40	88237	138	0233	133	20
50	88375	137	8.0100	134	10 **34**
26 0	0.088512	138	7.9966	134	60
10	88650	137	9832	134	50
20	88787	136	9698	133	40
30	88923	137	9565	134	30
40	89060	136	9431	134	20
50	89196	135	9297	134	10 **33**
27 0	0.089331	136	7.9163	134	60
10	89467	135	9029	134	50
20	89602	135	8895	134	40
30	89737	135	8761	135	30
40	89872	135	8626	134	20
50	90007	134	8492	134	10 **32**
28 0	0.090141	134	7.8358	134	60
10	90275	133	8224	135	50
20	90408	134	8089	134	40
30	90542	133	7955	134	30
40	90675	133	7821	135	20
50	90808	132	7686	134	10 **31**
29 0	0.090940	133	7.7552	135	60
10	91073	132	7417	134	50
20	91205	131	7283	135	40
30	91336	132	7148	134	30
40	91468	131	7014	135	20
50	91599	131	6879	136	10 **30**
30 0	0.091730		7.6744		0

7h, 19h

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TABLE I.

4h, 16h

a	log n sin a		n cos a		a		a	log n sin a		n cos a		a		a	log n sin a		n cos a		a		a	log n sin a		n cos a		a	
m s			″		s	m	m s			″		s	m	m s			″		s	m	m s			″		s	m
30 0	0.091730	131	7.6744	134	60		40 0	0.099101	114	6.8589	136	60		50 0	0.105534	100	6.0304	139	60		50 0	0.105534	100	6.0304	139	60	
10	91861	130	6610	135	50		10	99215	115	8453	138	50		10	05634	99	0165	139	50		10	05634	99	0165	139	50	
20	91991	130	6475	135	40		20	99330	114	8315	137	40		20	05733	99	6.0026	139	40		20	05733	99	6.0026	139	40	
30	92121	130	6340	135	30		30	99444	114	8178	137	30		30	05832	98	5.9887	139	30		30	05832	99	5.9887	139	30	
40	92251	130	6205	135	20		40	99558	114	8041	137	20		40	05930	99	9748	139	20		40	05930	98	9748	139	20	
50	92381	129	6070	135	10	29	50	99672	114	7904	137	10	19	50	06029	98	9609	140	10	9	50	06029	99	9609	139	10	9
31 0	0.092510	129	7.5935	135	60		41 0	0.099786	113	6.7767	138	60		51 0	0.106127	98	5.9469	139	60		51 0	0.106127	98	5.9469	139	60	
10	92639	129	5800	135	50		10	099899	113	7629	137	50		10	06225	98	9330	139	50		10	06225	98	9330	139	50	
20	92768	128	5665	135	40		20	100012	113	7492	137	40		20	06323	97	9191	140	40		20	06323	97	9191	140	40	
30	92896	129	5530	135	30		30	00125	112	7355	138	30		30	06420	97	9051	139	30		30	06420	97	9051	139	30	
40	93025	128	5395	135	20		40	00237	112	7217	137	20		40	06517	97	8912	140	20		40	06517	97	8912	140	20	
50	93153	128	5260	135	10	28	50	00349	112	7080	137	10	18	50	06614	97	8772	139	10	8	50	06614	97	8772	140	10	8
32 0	0.093281	127	7.5125	136	60		42 0	0.100461	112	6.6943	138	60		52 0	0.106711	96	5.8633	140	60		52 0	0.106711	96	5.8633	140	60	
10	93408	127	4989	135	50		10	00573	111	6805	137	50		10	06807	97	8493	139	50		10	06807	96	8493	140	50	
20	93535	127	4854	135	40		20	00684	112	6668	138	40		20	06904	96	8354	140	40		20	06904	96	8354	139	40	
30	93662	127	4719	136	30		30	00796	110	6530	138	30		30	07000	95	8214	139	30		30	07000	96	8214	140	30	
40	93789	126	4583	135	20		40	00906	111	6392	137	20		40	07095	96	8075	140	20		40	07095	95	8075	139	20	
50	93915	126	4448	136	10	27	50	01017	111	6255	138	10	17	50	07191	95	7935	140	10	7	50	07191	96	7935	140	10	7
33 0	0.094041	126	7.4312	135	60		43 0	0.101128	110	6.6117	137	60		53 0	0.107286	95	5.7795	139	60		53 0	0.107286	95	5.7795	139	60	
10	94467	126	4177	136	50		10	01238	110	5980	139	50		10	07381	94	7656	140	50		10	07381	95	7656	140	50	
20	94293	125	4041	135	40		20	01348	109	5841	137	40		20	07475	95	7516	139	40		20	07475	94	7516	140	40	
30	94418	125	3906	136	30		30	01457	110	5704	138	30		30	07570	94	7377	140	30		30	07570	95	7377	139	30	
40	94543	125	3770	135	20		40	01567	109	5566	138	20		40	07664	94	7237	140	20		40	07664	94	7237	140	20	
50	94668	125	3635	136	10	26	50	01676	109	5428	138	10	16	50	07758	94	7097	140	10	6	50	07758	94	7097	140	10	6
34 0	0.094793	124	7.3499	136	60		44 0	0.101785	108	6.5290	138	60		54 0	0.107852	93	5.6957	140	60		54 0	0.107852	93	5.6957	140	60	
10	94917	124	3363	136	50		10	01893	109	5152	138	50		10	07945	93	6817	140	50		10	07945	93	6817	140	50	
20	95041	124	3227	135	40		20	02002	108	5014	138	40		20	08038	93	6677	140	40		20	08038	93	6677	140	40	
30	95165	123	3092	136	30		30	02110	108	4876	138	30		30	08131	93	6537	139	30		30	08131	93	6537	139	30	
40	95288	123	2956	136	20		40	02218	107	4738	138	20		40	08224	92	6398	141	20		40	08224	93	6398	139	20	
50	95411	123	2820	136	10	25	50	02325	108	4600	138	10	15	50	08316	93	6257	139	10	5	50	08316	92	6257	141	10	5
35 0	0.095534	123	7.2684	136	60		45 0	0.102433	107	6.4462	138	60		55 0	0.108409	91	5.6118	140	60		55 0	0.108409	91	5.6118	140	60	
10	95657	123	2548	136	50		10	02540	106	4324	138	50		10	08500	92	5978	140	50		10	08500	92	5978	140	50	
20	95779	123	2412	136	40		20	02646	107	4186	138	40		20	08592	91	5838	141	40		20	08592	91	5838	141	40	
30	95902	121	2276	136	30		30	02753	106	4048	138	30		30	08683	92	5697	140	30		30	08683	92	5697	140	30	
40	96023	123	2140	136	20		40	02859	107	3910	139	20		40	08775	91	5557	140	20		40	08775	91	5557	140	20	
50	96145	121	2004	136	10	24	50	02966	105	3771	138	10	14	50	08866	90	5417	140	10	4	50	08866	90	5417	140	10	4
36 0	0.096266	123	7.1868	136	60		46 0	0.103071	106	6.3633	138	60		56 0	0.108956	91	5.5277	140	60		56 0	0.108956	91	5.5277	140	60	
10	96388	120	1732	136	50		10	03177	105	3495	139	50		10	09047	90	5137	141	50		10	09047	90	5137	141	50	
20	96508	121	1596	137	40		20	03282	106	3356	138	40		20	09137	90	4996	140	40		20	09137	90	4996	140	40	
30	96629	120	1459	136	30		30	03387	105	3218	139	30		30	09227	90	4856	140	30		30	09227	90	4856	140	30	
40	96749	120	1323	136	20		40	03492	104	3079	138	20		40	09317	89	4716	140	20		40	09317	89	4716	140	20	
50	96869	120	1187	137	10	23	50	03596	105	2941	138	10	13	50	09406	89	4576	141	10	3	50	09406	89	4576	140	10	3
37 0	0.096989	120	7.1050	136	60		47 0	0.103701	104	6.2803	139	60		57 0	0.109495	89	5.4435	140	60		57 0	0.109495	89	5.4435	141	60	
10	97109	119	0914	137	50		10	03805	103	2664	138	50		10	09584	89	4295	140	50		10	09584	89	4295	140	50	
20	97228	119	0777	136	40		20	03908	104	2526	139	40		20	09673	88	4155	141	40		20	09673	88	4155	141	40	
30	97347	119	0641	136	30		30	04012	103	2387	139	30		30	09761	89	4014	140	30		30	09761	89	4014	140	30	
40	97466	118	0505	137	20		40	04115	103	2248	138	20		40	09850	88	3874	141	20		40	09850	88	3874	140	20	
50	97584	118	0368	136	10	22	50	04218	103	2110	139	10	12	50	09938	87	3733	140	10	2	50	09938	87	3733	141	10	2
38 0	0.097702	118	7.0232	137	60		48 0	0.104321	102	6.1971	139	60		58 0	0.110025	88	5.3593	141	60		58 0	0.110025	88	5.3593	140	60	
10	97820	118	7.0095	137	50		10	04423	103	1832	139	50		10	10113	87	3452	140	50		10	10113	88	3452	141	50	
20	97938	117	6.9958	137	40		20	04526	102	1693	138	40		20	10200	87	3312	141	40		20	10200	87	3312	140	40	
30	98055	118	9821	136	30		30	04628	101	1555	139	30		30	10287	87	3171	141	30		30	10287	87	3171	141	30	
40	98173	116	9685	137	20		40	04729	102	1416	139	20		40	10374	86	3030	140	20		40	10374	86	3030	140	20	
50	98289	117	9548	137	10	21	50	04831	101	1277	139	10	11	50	10460	86	2890	141	10	1	50	10460	86	2890	140	10	1
39 0	0.098406	117	6.9411	137	60		49 0	0.104932	101	6.1138	138	60		59 0	0.110546	86	5.2749	141	60		59 0	0.110546	86	5.2749	141	60	
10	98523	116	9274	137	50		10	05033	101	1000	140	50		10	10632	86	2608	141	50		10	10632	86	2608	141	50	
20	98639	115	9137	136	40		20	05134	100	0860	139	40		20	10718	86	2467	140	40		20	10718	86	2467	141	40	
30	98754	116	9001	138	30		30	05234	100	0721	139	30		30	10804	85	2327	141	30		30	10804	86	2327	140	30	
40	98870	115	8863	137	20		40	05334	100	0582	139	20		40	10889	85	2186	141	20		40	10889	85	2186	141	20	
50	98985	116	8726	137	10	20	50	05434	100	0443	139	10	10	50	10974	84	2045	141	10	0	50	10974	85	2045	141	10	0
40 0	0.099101		6.8589		0		50 0	0.105534		6.0304		0		60 0	0.111058		5.1904		0		60 0	0.111058		5.1904		0	

7h, 19h

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TABLA I.

5h, 17h

a	log n sen a	n cos a	a
m s		″	s m
0 0	0.111058	5.1904	60
10	11143 85	1763 141	50
20	11227 84	1622 141	40
30	11311 84	1481 141	30
40	11395 84	1340 141	20
50	11478 83	1200 140	10 **59**
1 0	0.111562 84	5.1059 141	60
10	11645 83	0917 142	50
20	11728 83	0776 141	40
30	11810 82	0635 141	30
40	11892 82	0494 141	20
50	11974 82	0353 141	10 **58**
2 0	0.112056 82	5.0212 141	60
10	12138 82	5.0071 141	50
20	12219 81	4.9929 142	40
30	12300 81	9788 141	30
40	12381 81	9647 141	20
50	12462 81	9506 141	10 **57**
3 0	0.112542 80	4.9364 142	60
10	12622 80	9223 141	50
20	12702 80	9081 142	40
30	12781 79	8940 141	30
40	12861 80	8799 141	20
50	12940 79	8657 142	10 **56**
4 0	0.113019 79	4.8516 141	60
10	13097 78	8374 142	50
20	13176 79	8233 141	40
30	13254 78	8091 142	30
40	13332 78	7949 142	20
50	13409 77	7808 141	10 **55**
5 0	0.113487 78	4.7666 142	60
10	13564 77	7524 142	50
20	13641 77	7383 141	40
30	13718 77	7241 142	30
40	13794 76	7099 142	20
50	13870 76	6958 141	10 **54**
6 0	0.113946 76	4.6816 142	60
10	14022 76	6674 142	50
20	14097 75	6532 142	40
30	14173 76	6390 142	30
40	14248 75	6248 142	20
50	14322 74	6106 142	10 **53**
7 0	0.114397 75	4.5964 142	60
10	14471 74	5822 142	50
20	14545 74	5680 142	40
30	14619 74	5538 142	30
40	14692 73	5396 142	20
50	14766 74	5254 142	10 **52**
8 0	0.114839 73	4.5112 142	60
10	14911 73	4970 142	50
20	14984 73	4828 142	40
30	15056 73	4686 142	30
40	15128 73	4544 142	20
50	15200 73	4401 143	10 **51**
9 0	0.115272 73	4.4259 142	60
10	15343 71	4117 142	50
20	15414 71	3975 142	40
30	15485 71	3832 143	30
40	15556 71	3690 142	20
50	15626 70	3548 142	10 **50**
10 0	0.115696 70	4.3405 143	0

a	log n sen a	n cos a	a
m s		″	s m
10 0	0.115696	4.3405	60
10	15766 70	3263 142	50
20	15836 70	3121 142	40
30	15905 69	2978 143	30
40	15974 69	2836 142	20
50	16043 69	2693 143	10 **49**
11 0	0.116112 69	4.2551 142	60
10	16180 68	2408 143	50
20	16249 69	2265 143	40
30	16317 68	2123 142	30
40	16384 67	1980 143	20
50	16452 68	1838 142	10 **48**
12 0	0.116519 67	4.1695 143	60
10	16586 67	1552 143	50
20	16653 67	1410 142	40
30	16719 66	1267 143	30
40	16786 67	1124 143	20
50	16852 66	0982 142	10 **47**
13 0	0.116918 66	4.0839 143	60
10	16983 65	0696 143	50
20	17048 65	0553 143	40
30	17114 66	0410 143	30
40	17178 64	0268 142	20
50	17243 65	4.0125 143	10 **46**
14 0	0.117307 64	3.9982 143	60
10	17371 64	9839 143	50
20	17435 64	9696 143	40
30	17499 64	9553 143	30
40	17562 63	9410 143	20
50	17626 64	9267 143	10 **45**
15 0	0.117689 63	3.9124 143	60
10	17751 62	8981 143	50
20	17814 63	8838 143	40
30	17876 62	8695 143	30
40	17938 62	8552 143	20
50	18000 62	8408 144	10 **44**
16 0	0.118061 61	3.8265 143	60
10	18122 61	8122 143	50
20	18184 62	7979 143	40
30	18244 60	7836 143	30
40	18305 61	7692 144	20
50	18366 61	7549 143	10 **43**
17 0	0.118425 59	3.7406 143	60
10	18485 60	7263 143	50
20	18545 60	7119 144	40
30	18604 59	6976 143	30
40	18663 59	6832 144	20
50	18722 59	6688 144	10 **42**
18 0	0.118781 59	3.6545 143	60
10	18839 58	6402 143	50
20	18897 58	6258 144	40
30	18955 58	6115 143	30
40	19013 58	5971 144	20
50	19070 57	5828 143	10 **41**
19 0	0.119128 58	3.5684 144	60
10	19185 57	5542 142	50
20	19241 56	5398 144	40
30	19298 57	5255 143	30
40	19354 56	5111 144	20
50	19410 56	4967 144	10 **40**
20 0	0.119466 56	3.4824 143	0

a	log n sen a	n cos a	a
m s		″	s m
20 0	0.119466	3.4824	60
10	19522 56	4680 144	50
20	19577 55	4536 144	40
30	19632 55	4393 146	30
40	19687 55	4249 144	20
50	19742 55	4106 143	10 **39**
21 0	0.119796 54	3.3962 144	60
10	19850 54	3818 144	50
20	19904 54	3674 144	40
30	19958 54	3530 143	30
40	20011 53	3387 144	20
50	20064 53	3243 144	10 **38**
22 0	0.120117 53	3.3099 144	60
10	20170 53	2955 144	50
20	20223 53	2811 144	40
30	20275 52	2667 143	30
40	20327 52	2524 144	20
50	20379 52	2380 144	10 **37**
23 0	0.120430 51	3.2236 144	60
10	20482 52	2092 144	50
20	20533 51	1948 144	40
30	20583 50	1804 144	30
40	20634 51	1660 144	20
50	20684 50	1516 144	10 **36**
24 0	0.120735 51	3.1372 144	60
10	20784 49	1228 144	50
20	20834 50	1084 144	40
30	20884 50	0940 144	30
40	20933 49	0795 145	20
50	20982 49	0651 144	10 **35**
25 0	0.121030 48	3.0507 144	60
10	21079 49	0363 144	50
20	21127 48	0219 144	40
30	21175 48	3.0075 144	30
40	21223 48	2.9930 145	20
50	21271 48	9786 144	10 **34**
26 0	0.121318 47	2.9642 144	60
10	21365 47	9498 144	50
20	21412 47	9354 144	40
30	21458 46	9209 145	30
40	21505 47	9065 144	20
50	21551 46	8921 144	10 **33**
27 0	0.121597 46	2.8776 145	60
10	21643 46	8632 144	50
20	21688 45	8488 144	40
30	21733 45	8343 145	30
40	21778 45	8199 144	20
50	21823 45	8054 145	10 **32**
28 0	0.121867 44	2.7910 144	60
10	21912 45	7766 144	50
20	21956 44	7621 145	40
30	22000 44	7477 144	30
40	22043 43	7332 145	20
50	22086 43	7188 144	10 **31**
29 0	0.122130 44	2.7043 145	60
10	22172 42	6899 144	50
20	22215 43	6754 145	40
30	22257 42	6610 144	30
40	22300 43	6465 145	20
50	22342 42	6321 144	10 **30**
30 0	0.122383 41	2.6176 145	0

6h, 18h

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TABLE I.

5h, 17h

a	log n sin a	n cos a	a
m s		″	s m
30 0	0.122383	2.6176	60
10	22425 42	6031 145	50
20	22466 41	5887 144	40
30	22507 41	5742 145	30
40	22548 41	5598 144	20
50	22588 40	5453 145	10 **29**
31 0	0.122628 40	2.5308 145	60
10	22669 41	5164 144	50
20	22708 39	5019 145	40
30	22748 40	4874 145	30
40	22787 39	4729 145	20
50	22827 40	4585 144	10 **28**
32 0	0.122865 38	2.4440 145	60
10	22904 39	4295 145	50
20	22942 38	4150 145	40
30	22981 39	4006 144	30
40	23019 38	3861 145	20
50	23056 37	3716 145	10 **27**
33 0	0.123094 38	2.3571 145	60
10	23131 37	3426 145	50
20	23168 37	3282 144	40
30	23205 37	3137 145	30
40	23242 37	2992 145	20
50	23278 36	2847 145	10 **26**
34 0	0.123314 36	2.2702 145	60
10	23350 36	2557 145	50
20	23385 35	2412 145	40
30	23421 36	2267 145	30
40	23456 35	2122 145	20
50	23491 35	1977 145	10 **25**
35 0	0.123526 35	2.1832 145	60
10	23560 34	1687 145	50
20	23594 34	1542 145	40
30	23628 34	1397 145	30
40	23662 34	1252 145	20
50	23696 34	1107 145	10 **24**
36 0	0.123729 33	2.0962 145	60
10	23762 33	0817 145	50
20	23795 33	0672 145	40
30	23828 33	0527 145	30
40	23860 33	0382 145	20
50	23892 33	0237 145	10 **23**
37 0	0.123924 33	2.0092 145	60
10	23956 33	1.9947 145	50
20	23987 31	9802 145	40
30	24018 31	9657 145	30
40	24049 31	9512 145	20
50	24080 31	9366 146	10 **22**
38 0	0.124111 31	1.9221 145	60
10	24141 30	9076 145	50
20	24171 30	8931 145	40
30	24201 30	8785 146	30
40	24230 29	8640 145	20
50	24260 30	8495 145	10 **21**
39 0	0.124289 29	1.8350 145	60
10	24318 29	8205 145	50
20	24346 28	8060 145	40
30	24375 29	7914 146	30
40	24403 28	7769 145	20
50	24431 28	7624 145	10 **20**
40 0	0.124459 28	1.7478 146	0

a	log n sin a	n cos a	a
m s		″	s m
40 0	0.124459	1.7478	60
10	24486 27	7333 145	50
20	24514 28	7188 145	40
30	24541 27	7043 145	30
40	24568 27	6897 146	20
50	24594 26	6752 145	10 **19**
41 0	0.124620 26	1.6607 145	60
10	24647 27	6461 146	50
20	24673 26	6316 145	40
30	24698 25	6171 145	30
40	24724 26	6025 146	20
50	24749 25	5880 145	10 **18**
42 0	0.124774 25	1.5734 146	60
10	24799 25	5589 145	50
20	24823 24	5444 145	40
30	24847 24	5298 146	30
40	24871 24	5153 145	20
50	24895 24	5007 146	10 **17**
43 0	0.124919 24	1.4862 145	60
10	24942 23	4716 146	50
20	24965 23	4571 145	40
30	24988 23	4426 145	30
40	25011 23	4280 146	20
50	25033 22	4135 145	10 **16**
44 0	0.125056 23	1.3989 146	60
10	25078 22	3844 145	50
20	25099 21	3698 146	40
30	25121 22	3553 145	30
40	25142 21	3407 146	20
50	25163 21	3262 145	10 **15**
45 0	0.125184 21	1.3116 146	60
10	25204 20	2971 145	50
20	25225 21	2825 146	40
30	25245 20	2680 145	30
40	25265 20	2534 146	20
50	25284 19	2389 145	10 **14**
46 0	0.125304 20	1.2243 146	60
10	25323 19	2097 146	50
20	25342 19	1952 145	40
30	25361 19	1806 146	30
40	25379 18	1661 145	20
50	25398 19	1515 146	10 **13**
47 0	0.125416 18	1.1369 146	60
10	25433 17	1224 145	50
20	25451 18	1078 146	40
30	25468 17	0933 145	30
40	25486 18	0787 146	20
50	25502 16	0641 146	10 **12**
48 0	0.125519 17	1.0496 145	60
10	25535 16	0350 146	50
20	25552 17	0204 146	40
30	25568 16	1.0059 145	30
40	25583 15	0.9913 146	20
50	25599 16	9767 146	10 **11**
49 0	0.125614 15	0.9622 145	60
10	25629 15	9476 146	50
20	25644 15	9330 146	40
30	25659 15	9185 145	30
40	25673 14	9039 146	20
50	25687 14	8893 146	10 **10**
50 0	0.125701 14	0.8748 145	0

a	log n sin a	n cos a	a
m s		″	s m
50 0	0.125701	0.8748	60
10	25715 14	8602 146	50
20	25728 13	8456 146	40
30	25742 14	8310 146	30
40	25755 13	8165 145	20
50	25767 12	8019 146	10 **9**
51 0	0.125780 13	0.7873 146	60
10	25792 12	7727 146	50
20	25804 12	7582 145	40
30	25816 12	7436 146	30
40	25827 11	7290 146	20
50	25839 12	7145 145	10 **8**
52 0	0.125850 11	0.6999 146	60
10	25861 11	6853 146	50
20	25872 11	6707 146	40
30	25882 10	6561 146	30
40	25892 10	6416 145	20
50	25902 10	6270 146	10 **7**
53 0	0.125912 10	0.6124 146	60
10	25922 10	5979 145	50
20	25931 9	5833 146	40
30	25940 9	5687 146	30
40	25949 9	5541 146	20
50	25957 8	5395 146	10 **6**
54 0	0.125966 9	0.5249 146	60
10	25974 8	5104 145	50
20	25982 8	4958 146	40
30	25990 8	4812 146	30
40	25997 7	4666 146	20
50	26004 7	4521 145	10 **5**
55 0	0.126011 7	0.4375 146	60
10	26018 7	4229 146	50
20	26025 7	4083 146	40
30	26031 6	3937 146	30
40	26037 6	3792 145	20
50	26043 6	3646 146	10 **4**
56 0	0.126048 5	0.3500 146	60
10	26054 6	3354 146	50
20	26059 5	3208 146	40
30	26064 5	3063 145	30
40	26069 5	2917 146	20
50	26073 4	2771 146	10 **3**
57 0	0.126078 5	0.2625 146	60
10	26082 4	2479 146	50
20	26085 3	2333 146	40
30	26089 4	2188 145	30
40	26092 3	2042 146	20
50	26095 3	1896 146	10 **2**
58 0	0.126098 3	0.1750 146	60
10	26101 3	1604 146	50
20	26103 2	1458 146	40
30	26105 2	1313 145	30
40	26107 2	1167 146	20
50	26109 2	1021 146	10 **1**
59 0	0.126111 2	0.0875 146	60
10	26112 1	0729 146	50
20	26113 1	0583 146	40
30	26114 1	0437 146	30
40	26114 0	0292 145	20
50	26115 1	0146 146	10 **0**
60 0	0.126115 0	0.0000 146	0

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TABLA II.

δ	h m 0 0	h m 0 5	h m 0 10	h m 0 15	h m 0 20	h m 0 25	h m 0 30	h m 0 35	h m 0 40	h m 0 45	h m 0 50	h m 0 55	h m 1 0	δ
°	s	s	s	s	s	s	s	s	s	s	s	s	s	°
0	3.0722	3.0722 5	3.0722 10	3.0722 15	3.0722 20	3.0722 25	3.0722 30	3.0722 35	3.0722 40	3.0722 45	3.0722 50	3.0722 55	3.0722 60	0
1	0722	0717 5	0712 10	0707 15	0702 20	0697 25	0692 30	0687 36	0682 41	0677 46	0672 51	0667 56	0662 60	1
2	0722	0712 5	0702 10	0692 15	0682 21	0672 26	0662 31	0651 35	0641 40	0631 45	0621 50	0611 55	0602 61	2
3	0722	0707 5	0692 10	0677 16	0661 20	0646 25	0631 31	0616 36	0601 41	0586 46	0571 51	0556 56	0541 60	3
4	0722	0702 5	0682 11	0661 15	0641 21	0621 26	0600 30	0580 35	0560 41	0540 46	0520 51	0500 56	0481 61	4
5	0722	0697 5	0671 10	0646 15	0620 20	0595 26	0570 31	0545 36	0519 41	0494 46	0469 51	0444 56	0420 61	5
6	3.0722	3.0692 5	3.0661 10	3.0631 16	3.0600 21	3.0569 25	3.0539 31	3.0509 36	3.0478 41	3.0448 46	3.0418 51	3.0388 56	3.0359 61	6
7	0722	0687 6	0651 11	0615 15	0579 20	0544 26	0508 31	0473 36	0437 41	0402 46	0367 51	0332 56	0298 62	7
8	0722	0681 5	0640 10	0600 16	0559 21	0518 26	0477 31	0437 37	0396 41	0356 47	0316 52	0276 56	0236 62	8
9	0722	0676 5	0630 10	0584 16	0538 21	0492 26	0446 31	0400 36	0355 42	0309 46	0264 52	0219 57	0174 62	9
10	0722	0671 5	0620 11	0568 16	0517 21	0466 26	0415 32	0364 37	0313 42	0263 48	0212 52	0162 57	0112 62	10
11	3.0722	3.0666 5	3.0609 10	3.0552 15	3.0496 21	3.0440 27	3.0383 31	3.0327 37	3.0271 42	3.0215 47	3.0160 53	3.0105 58	3.0050 63	11
12	0722	0661 6	0599 11	0537 16	0475 22	0413 27	0352 32	0290 37	0229 43	0168 48	0107 53	3.0047 58	2.9987 63	12
13	0722	0655 5	0588 11	0521 17	0453 21	0386 26	0320 33	0253 38	0186 42	0120 48	0054 53	2.9989 59	9924 64	13
14	0722	0650 6	0577 11	0504 16	0432 22	0360 28	0287 34	0215 38	0144 44	0072 48	3.0001 54	9930 59	9860 65	14
15	0722	0644 5	0566 11	0488 16	0410 22	0332 27	0253 31	0177 38	0100 43	3.0024 50	2.9947 54	9871 60	9795 65	15
16	3.0722	3.0639 6	3.0555 11	3.0472 17	3.0388 22	3.0305 28	3.0222 33	3.0139 38	3.0057 44	2.9974 49	2.9893 55	2.9811 60	2.9730 66	16
17	0722	0633 5	0544 11	0455 17	0366 22	0277 28	0189 34	0101 39	3.0013 45	9925 50	9838 56	9751 61	9664 66	17
18	0722	0628 6	0533 11	0438 17	0344 23	0249 28	0155 33	0062 40	2.9968 45	9875 51	9782 56	9690 62	9598 67	18
19	0722	0622 6	0522 12	0421 17	0321 23	0221 28	0122 35	3.0022 40	9923 46	9824 51	9726 57	9628 62	9531 68	19
20	0722	0616 6	0510 11	0404 17	0298 23	0193 29	0087 34	2.9982 40	9877 46	9773 52	9669 57	9566 64	9463 69	20
21	3.0722	3.0610 5	3.0499 12	3.0387 18	3.0275 23	3.0164 30	3.0053 36	2.9942 41	2.9831 47	2.9721 52	2.9612 59	2.9502 64	2.9394 70	21
22	0722	0605 6	0487 12	0369 18	0252 24	0134 29	3.0017 35	9901 42	9784 47	9669 54	9553 59	9438 64	9324 70	22
23	0722	0599 6	0475 12	0351 18	0228 24	0105 31	2.9982 37	9859 42	9737 48	9615 54	9494 60	9374 66	9254 72	23
24	0722	0593 7	0463 12	0333 18	0204 25	0074 30	9945 36	9817 43	9689 49	9561 55	9434 61	9308 67	9182 73	24
25	0722	0586 6	0451 13	0315 19	0179 25	0044 31	9909 38	9774 44	9640 50	9506 56	9373 63	9241 68	9109 74	25
26	3.0722	3.0580 6	3.0438 13	3.0296 19	3.0154 25	3.0013 32	2.9871 38	2.9730 44	2.9590 50	2.9450 57	2.9311 63	2.9173 70	2.9035 76	26
27	0722	0574 7	0425 13	0277 20	0129 26	2.9981 33	9833 38	9686 45	9540 52	9393 57	9248 64	9103 70	8959 76	27
28	0722	0567 6	0412 13	0257 19	0103 26	9948 32	9795 40	9641 46	9488 51	9336 59	9184 66	9033 72	8883 79	28
29	0722	0561 7	0399 13	0238 20	0077 27	9916 34	9755 40	9595 47	9437 55	9277 60	9118 66	8961 73	8804 79	29
30	0722	0554 7	0386 14	0218 21	0050 28	9882 34	9715 41	9548 48	9382 54	9217 62	9052 68	8888 75	8725 82	30
31	3.0722	3.0547 7	3.0372 14	3.0197 21	3.0022 28	2.9848 35	2.9674 42	2.9500 48	2.9328 56	2.9155 62	2.8984 70	2.8813 76	2.8643 83	31
32	0722	0540 7	0358 14	0176 21	2.9994 28	9813 36	9632 43	9452 50	9272 57	9093 64	8914 71	8737 78	8560 85	32
33	0722	0533 7	0344 15	0155 22	9966 29	9777 36	9589 44	9402 51	9215 58	9029 66	8843 72	8659 80	8475 87	33
34	0722	0526 8	0329 15	0133 23	9937 30	9741 38	9545 45	9351 53	9157 60	8963 67	8771 75	8579 82	8388 89	34
35	0722	0518 7	0314 15	0110 23	9907 31	9703 38	9500 45	9298 53	9097 61	8896 69	8696 76	8497 83	8299 91	35
36	3.0722	3.0511 8	3.0299 16	3.0087 23	2.9876 32	2.9665 39	2.9455 47	2.9245 55	2.9036 63	2.8827 70	2.8620 78	2.8414 86	2.8208 93	36
37	0722	0503 8	0283 16	0064 25	9844 32	9626 41	9408 49	9190 57	8973 64	8757 72	8542 80	8328 88	8115 96	37
38	0722	0495 9	0267 17	0039 25	9812 33	9585 41	9359 50	9133 58	8909 66	8685 75	8462 83	8240 91	8019 99	38
39	0722	0486 8	0250 17	3.0014 25	9779 34	9544 43	9309 51	9075 59	8843 69	8610 76	8379 85	8149 93	7920 101	39
40	0722	0478 9	0233 17	2.9989 27	9745 35	9501 44	9258 52	9016 62	8774 70	8534 79	8294 87	8056 96	7819 105	40
41	3.0722	3.0469 9	3.0216 19	2.9962 27	2.9710 37	2.9457 45	2.9206 55	2.8954 63	2.8704 72	2.8455 81	2.8207 90	2.7960 99	2.7714 107	41
42	0722	0460 9	0197 18	9935 28	9673 37	9412 47	9151 56	8891 65	8632 74	8374 84	8117 93	7861 102	7607 111	42
43	0722	0451 10	0179 20	9907 29	9636 39	9365 48	9095 58	8826 68	8558 77	8290 86	8024 96	7759 105	7496 115	43
44	0722	0441 10	0159 20	9878 30	9597 40	9317 50	9037 60	8758 69	8481 80	8204 90	7928 99	7654 109	7381 119	44
45	0722	0431 11	0139 20	9848 31	9557 41	9267 52	8977 63	8689 73	8401 83	8114 92	7829 103	7545 113	7262 123	45
46	3.0722	3.0420 10	3.0119 22	2.9817 32	2.9516 43	2.9215 53	2.8915 64	2.8616 75	2.8318 85	2.8022 97	2.7726 107	2.7432 117	2.7139 127	46
47	0722	0410 11	0097 22	9785 34	9473 45	9162 56	8851 67	8541 77	8233 89	7925 99	7619 110	7315 122	7012 133	47
48	0722	0399 12	0075 23	9751 34	9428 46	9106 58	8784 69	8464 81	8144 92	7826 104	7509 116	7193 126	6879 137	48
49	0722	0387 12	0052 25	9717 36	9382 48	9048 60	8715 72	8383 84	8052 96	7722 108	7393 119	7067 132	6742 143	49
50	0722	0375 13	0027 25	9681 38	9334 50	8988 63	8643 76	8299 88	7956 100	7614 112	7274 125	6935 137	6599 150	50
51	3.0722	3.0362 13	3.0002 26	2.9643 40	2.9284 51	2.8925 66	2.8567 78	2.8211 92	2.7856 105	2.7502 118	2.7149 130	2.6798 143	2.6449 156	51
52	0722	0349 14	2.9976 27	9603 41	9233 57	8859 68	8489 82	8119 96	7751 109	7384 123	7019 137	6655 150	6293 163	52
53	0722	0335 14	9949 29	9562 43	9176 57	8791 72	8407 86	8023 100	7642 115	7261 129	6882 143	6505 156	6130 170	53
54	0722	0321 15	9920 30	9519 45	9119 61	8719 75	8321 91	7923 105	7527 119	7132 134	6740 150	6349 165	5960 179	54
55	0722	0306 16	9890 33	9474 48	9058 63	8644 79	8230 95	7818 111	7408 127	6998 143	6590 158	6184 173	5781 189	55
56	3.0722	3.0290 17	2.9858 34	2.9426 50	2.8995 67	2.8565 84	2.8135 100	2.7707 117	2.7281 133	2.6855 149	2.6432 165	2.6011 182	2.5592 198	56
57	0722	0273 17	9824 35	9376 53	8928 70	8481 88	8035 105	7590 122	7148 141	6706 158	6267 176	5829 192	5394 209	57
58	0722	0256 19	9789 37	9323 56	8858 75	8393 93	7930 112	7468 131	7007 148	6548 167	6091 185	5637 203	5185 222	58
59	0722	0237 20	9752 40	9267 59	8783 79	8300 99	7818 118	7337 137	6859 158	6381 176	5906 196	5434 216	4963 234	59
60	0722	0217	9712	9208	8704	8201	7700	7200	6701	6205	5710	5218	4729	60
	h m 12 0	h m 11 55	h m 11 50	h m 11 45	h m 11 40	h m 11 35	h m 11 30	h m 11 25	h m 11 20	h m 11 15	h m 11 10	h m 11 5	h m 11 0	

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TABLE II.

δ	h m 1 0	h m 1 5	h m 1 10	h m 1 15	h m 1 20	h m 1 25	h m 1 30	h m 1 35	h m 1 40	h m 1 45	h m 1 50	h m 1 55	h m 2 0	δ
°	s	s	s	s	s	s	s	s	s	s	s	s	s	°
0	3.0722 60	3.0722 65	3.0722 70	3.0722 75	3.0722 79	3.0722 84	3.0722 89	3.0722 94	3.0722 98	3.0722 103	3.0722 107	3.0722 112	3.0722 116	0
1	0662 60	0657 65	0652 70	0647 75	0643 80	0638 85	0633 90	0628 94	0624 99	0619 103	0615 108	0610 112	0606 117	1
2	0602 61	0592 66	0582 70	0572 75	0563 80	0553 85	0543 89	0534 94	0525 99	0516 103	0507 108	0498 113	0489 117	2
3	0541 61	0526 65	0512 71	0497 75	0483 80	0468 84	0454 89	0440 94	0426 99	0413 104	0399 108	0385 112	0372 117	3
4	0480 60	0461 66	0441 70	0422 76	0403 81	0384 86	0365 90	0346 95	0327 99	0309 104	0291 109	0273 113	0255 117	4
5	0420 61	0395 66	0371 71	0346 75	0322 80	0298 85	0275 90	0251 95	0228 99	0205 104	0182 108	0160 113	0138 118	5
6	3.0359 61	3.0329 66	3.0300 71	3.0271 76	3.0242 81	3.0213 86	3.0185 91	3.0156 95	3.0129 100	3.0101 105	3.0074 110	3.0047 114	3.0020 118	6
7	0298 62	0263 66	0229 72	0195 77	0161 81	0127 86	0094 91	3.0061 95	3.0029 101	2.9996 105	2.9964 109	2.9933 114	2.9902 119	7
8	0236 62	0197 67	0157 71	0118 76	3.0080 82	3.0041 86	3.0003 91	2.9966 96	2.9928 101	9891 105	9855 110	9819 115	9783 119	8
9	0174 62	0130 67	0086 72	3.0042 77	2.9998 82	2.9955 87	2.9912 92	9870 97	9827 101	9786 106	9745 111	9704 116	9664 120	9
10	0112 62	3.0063 68	3.0014 73	2.9965 78	9916 82	9868 87	9820 92	9773 97	9726 102	9680 107	9634 112	9588 116	9544 121	10
11	3.0050 68	2.9995 68	2.9941 73	2.9887 78	2.9834 84	2.9781 89	2.9728 93	2.9676 98	2.9624 103	2.9573 108	2.9522 112	2.9472 116	2.9423 121	11
12	2.9987 68	9927 68	9868 74	9809 79	9750 83	9692 88	9635 94	9578 99	9521 103	9465 108	9410 113	9356 118	9302 123	12
13	9924 64	9859 69	9794 74	9730 79	9667 85	9604 90	9541 94	9479 99	9418 104	9357 109	9297 114	9238 119	9179 123	13
14	9860 65	9790 70	9720 75	9651 80	9582 85	9514 90	9447 95	9380 100	9314 106	9248 110	9183 115	9119 120	9056 125	14
15	9795 65	9720 70	9645 75	9571 81	9497 86	9424 91	9352 96	9280 102	9208 106	9138 111	9068 116	8999 120	8931 125	15
16	2.9730 66	2.9650 71	2.9570 77	2.9490 81	2.9411 87	2.9333 92	2.9256 98	2.9178 102	2.9102 107	2.9027 112	2.8952 117	2.8879 123	2.8806 127	16
17	9664 66	9579 72	9493 77	9409 83	9324 87	9241 93	9158 98	9076 103	8995 108	8915 114	8835 118	8756 123	8679 129	17
18	9598 67	9507 73	9416 78	9326 83	9237 89	9148 94	9060 99	8973 105	8887 110	8801 115	8717 120	8633 125	8550 129	18
19	9531 68	9434 73	9338 79	9243 85	9148 90	9054 95	8961 101	8868 105	8777 111	8686 116	8597 122	8508 126	8421 132	19
20	9463 69	9361 75	9259 80	9158 85	9058 91	8959 97	8860 102	8763 107	8666 113	8570 117	8475 122	8382 128	8289 133	20
21	2.9394 70	2.9286 75	2.9179 81	2.9073 87	2.8967 92	2.8862 97	2.8758 103	2.8656 109	2.8553 113	2.8453 120	2.8353 125	2.8254 130	2.8156 134	21
22	9324 70	9211 77	9098 82	8986 88	8875 94	8765 99	8655 104	8547 110	8440 116	8333 121	8228 126	8124 131	8022 137	22
23	9254 73	9134 77	9016 83	8898 89	8781 94	8666 101	8551 106	8437 112	8324 117	8212 122	8102 128	7993 134	7885 139	23
24	9182 73	9057 79	8933 85	8809 91	8687 97	8565 102	8445 108	8325 113	8207 119	8090 125	7974 130	7859 135	7746 141	24
25	9109 74	8978 80	8848 86	8718 92	8590 98	8463 104	8337 110	8212 116	8088 121	7965 127	7844 133	7724 138	7605 143	25
26	2.9035 76	2.8898 82	2.8762 88	2.8626 93	2.8492 99	2.8359 106	2.8227 111	2.8096 117	2.7967 124	2.7838 129	2.7711 134	2.7586 140	2.7462 146	26
27	8959 76	8816 83	8674 89	8533 96	8393 102	8253 107	8116 114	7979 120	7843 125	7709 131	7577 137	7446 143	7316 148	27
28	8883 79	8733 84	8585 91	8437 97	8291 103	8146 110	8002 116	7859 121	7718 128	7578 133	7440 140	7303 145	7168 151	28
29	8804 79	8649 87	8494 93	8340 99	8188 106	8036 111	7886 118	7738 124	7590 130	7445 137	7300 142	7158 148	7017 154	29
30	8725 83	8562 87	8401 94	8241 101	8082 107	7925 114	7768 120	7614 127	7460 133	7308 139	7158 145	7010 151	6863 157	30
31	2.8643 83	2.8475 90	2.8307 97	2.8140 103	2.7975 110	2.7811 117	2.7648 123	2.7487 129	2.7327 135	2.7169 142	2.7013 148	2.6859 155	2.6706 161	31
32	8560 85	8385 92	8210 98	8037 106	7865 112	7694 118	7525 125	7358 132	7192 139	7027 145	6865 152	6704 158	6545 164	32
33	8475 86	8293 94	8112 101	7931 107	7753 115	7576 122	7400 129	7226 136	7053 142	6882 148	6713 155	6546 161	6381 168	33
34	8389 90	8199 96	8011 104	7824 111	7638 117	7454 125	7271 131	7090 138	6911 145	6734 152	6558 158	6385 165	6213 171	34
35	8299 91	8103 99	7907 106	7713 113	7521 121	7329 127	7140 135	6952 142	6766 149	6582 156	6400 163	6220 170	6042 176	35
36	2.8208 93	2.8004 101	2.7801 108	2.7600 116	2.7400 123	2.7202 131	2.7005 138	2.6810 145	2.6617 152	2.6426 159	2.6237 167	2.6050 173	2.5866 181	36
37	8115 96	7903 104	7693 112	7484 119	7277 127	7071 134	6867 142	6665 150	6465 157	6267 165	6070 171	5877 179	5685 185	37
38	8019 99	7799 106	7581 114	7365 123	7150 131	6937 139	6725 146	6515 153	6308 161	6102 168	5899 176	5698 183	5500 191	38
39	7920 101	7693 110	7467 118	7242 126	7019 133	6798 141	6579 150	6362 158	6147 166	5934 173	5723 181	5515 188	5309 196	39
40	7819 105	7583 113	7349 121	7116 129	6886 138	6657 147	6429 154	6204 162	5981 170	5761 179	5542 186	5327 195	5113 201	40
41	2.7714 107	2.7470 116	2.7228 126	2.6987 134	2.6748 143	2.6510 151	2.6275 159	2.6042 168	2.5811 176	2.5582 184	2.5356 192	2.5132 200	2.4912 209	41
42	7607 111	7354 120	7102 129	6853 138	6605 147	6359 155	6116 165	5874 173	5635 182	5398 190	5164 198	4932 206	4703 214	42
43	7496 115	7234 124	6973 133	6715 143	6458 151	6204 161	5951 169	5701 178	5453 187	5208 196	4966 205	4726 214	4489 223	43
44	7381 119	7110 129	6840 138	6572 147	6307 157	6043 166	5782 176	5523 185	5266 194	5012 203	4761 212	4512 220	4267 229	44
45	7262 123	6981 133	6702 143	6425 153	6150 163	5877 172	5606 182	5338 191	5072 200	4809 210	4549 219	4292 229	4038 238	45
46	2.7139 127	2.6848 137	2.6559 148	2.6272 158	2.5987 168	2.5705 179	2.5424 188	2.5147 199	2.4872 209	2.4599 218	2.4330 228	2.4063 236	2.3800 246	46
47	7012 133	6711 144	6411 154	6114 164	5819 175	5526 185	5236 196	4948 206	4663 216	4381 226	4102 236	3827 246	3554 256	47
48	6879 137	6567 148	6257 159	5950 171	5644 183	5341 193	5040 203	4742 214	4447 224	4155 235	3866 245	3581 256	3298 266	48
49	6742 143	6419 155	6098 167	5779 178	5462 189	5148 200	4837 212	4528 223	4223 234	3920 245	3621 256	3325 266	3032 276	49
50	6599 150	6264 162	5931 173	5601 186	5273 197	4948 209	4625 221	4305 232	3989 244	3675 255	3365 266	3059 278	2756 289	50
51	2.6449 156	2.6102 168	2.5758 181	2.5415 193	2.5076 206	2.4739 219	2.4404 230	2.4073 242	2.3745 255	2.3420 266	2.3099 278	2.2781 289	2.2467 301	51
52	6293 163	5934 176	5577 190	5222 203	4870 216	4520 228	4174 241	3831 254	3490 266	3154 279	2821 291	2492 303	2166 315	52
53	6130 170	5758 185	5387 198	5019 212	4654 225	4292 239	3933 253	3577 266	3224 279	2875 292	2530 306	2189 318	1851 332	53
54	5960 179	5573 193	5189 208	4807 222	4429 237	4053 251	3680 264	3311 278	2945 292	2583 306	2225 319	1871 333	1522 346	54
55	5781 189	5380 204	4981 219	4585 234	4192 249	3802 263	3416 279	3033 293	2653 307	2277 321	1906 336	1539 350	1176 364	55
56	2.5592 198	2.5176 214	2.4762 230	2.4351 246	2.3943 262	2.3539 278	2.3137 293	2.2740 309	2.2346 324	2.1956 339	2.1570 354	2.1189 368	2.0812 383	56
57	5394 209	4962 227	4532 243	4105 260	3681 276	3261 293	2844 309	2431 326	2022 342	1617 358	1216 373	0821 390	0429 406	57
58	5185 222	4735 239	4289 258	3845 275	3405 293	2968 310	2535 328	2105 344	1680 361	1259 378	0843 395	0431 411	2.0024 437	58
59	4963 234	4496 253	4031 272	3570 291	3112 310	2658 328	2207 346	1761 365	1319 383	0881 401	0448 418	2.0020 435	1.9597 453	59
60	4729	4243	3759	3279	2802	2330	1861	1396	0936	0480	0030	1.9585	9144	60
	h m 11 0	h m 10 55	h m 10 50	h m 10 45	h m 10 40	h m 10 35	h m 10 30	h m 10 25	h m 10 20	h m 10 15	h m 10 10	h m 10 5	h m 10 0	

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TABLA II.

δ	h m 2 0	h m 2 5	h m 2 10	h m 2 15	h m 2 20	h m 2 25	h m 2 30	h m 2 35	h m 2 40	h m 2 45	h m 2 50	h m 2 55	h m 3 0	δ
°	s	s	s	s	s	s	s	s	s	s	s	s	s	°
0	3.0722 116	3.0722 121	3.0722 125	3.0722 129	3.0722 133	3.0722 138	3.0722 142	3.0722 146	3.0722 150	3.0722 153	3.0722 157	3.0722 161	3.0722 165	0
1	0606 117	0601 121	0597 125	0593 130	0589 134	0584 138	0580 142	0576 146	0572 150	0569 154	0565 158	0561 161	0557 165	1
2	0489 117	0480 121	0472 126	0463 130	0455 134	0446 138	0438 142	0430 146	0422 150	0415 155	0407 158	0400 162	0392 165	2
3	0372 117	0359 122	0346 126	0333 130	0321 135	0308 138	0296 143	0284 147	0272 151	0260 154	0249 158	0238 162	0227 166	3
4	0255 117	0237 122	0220 126	0203 130	0186 134	0170 139	0153 143	3.0137 147	3.0121 150	3.0106 155	3.0091 159	3.0076 162	3.0061 166	4
5	0138 118	3.0115 122	3.0094 127	3.0073 131	3.0052 136	3.0031 140	3.0010 143	2.9990 147	2.9971 152	2.9951 155	2.9932 159	2.9914 163	2.9895 166	5
6	3.0020 118	2.9993 122	2.9967 127	2.9942 132	2.9916 135	2.9891 139	2.9867 144	2.9843 148	2.9819 152	2.9796 156	2.9773 160	2.9751 164	2.9729 167	6
7	2.9902 119	9871 123	9840 127	9810 132	9781 136	9752 141	9723 144	9695 149	9667 152	9640 156	9613 160	9587 164	9562 168	7
8	9783 119	9748 124	9713 128	9678 132	9645 137	9611 141	9579 146	9546 149	9515 154	9484 158	9453 161	9423 165	9394 169	8
9	9664 120	9624 124	9585 129	9546 133	9508 138	9470 141	9433 146	9397 150	9361 154	9326 158	9292 162	9258 166	9225 170	9
10	9544 121	9500 126	9456 130	9413 134	9370 138	9329 143	9287 147	9247 151	9207 155	9168 159	9130 163	9092 167	9055 170	10
11	2.9423 121	2.9374 126	2.9326 130	2.9279 135	2.9232 140	2.9186 144	2.9140 148	2.9096 152	2.9052 156	2.9009 160	2.8967 164	2.8925 168	2.8885 172	11
12	9302 123	9248 127	9196 132	9144 136	9092 140	9042 145	8992 149	8944 154	8896 158	8849 162	8803 166	8757 169	8713 173	12
13	9179 123	9121 128	9064 133	9008 137	8952 141	8897 146	8843 150	8790 154	8738 158	8687 162	8637 167	8588 171	8540 175	13
14	9056 125	8993 129	8931 133	8871 139	8811 143	8751 147	8693 151	8636 156	8580 160	8525 165	8470 168	8417 172	8365 176	14
15	8931 125	8864 130	8798 135	8732 139	8668 145	8604 148	8542 153	8480 157	8420 162	8360 165	8302 170	8245 174	8189 177	15
16	2.8806 127	2.8734 132	2.8663 137	2.8593 141	2.8523 145	2.8456 151	2.8389 155	2.8323 159	2.8258 163	2.8195 168	2.8132 171	2.8071 175	2.8012 180	16
17	8679 129	8602 133	8526 138	8452 143	8378 147	8305 151	8234 156	8164 161	8095 165	8027 169	7961 173	7896 178	7832 181	17
18	8550 129	8469 135	8388 139	8309 144	8231 149	8154 154	8078 158	8003 163	7930 167	7858 171	7788 176	7718 179	7651 184	18
19	8421 132	8334 136	8249 141	8165 146	8082 151	8000 155	7920 160	7841 164	7763 168	7687 173	7612 177	7539 182	7467 185	19
20	8289 133	8198 138	8108 143	8019 148	7931 152	7845 157	7760 162	7677 167	7595 171	7514 175	7435 180	7357 183	7282 189	20
21	2.8156 134	2.8060 140	2.7965 145	2.7871 150	2.7779 155	2.7688 160	2.7598 164	2.7510 169	2.7424 174	2.7339 178	2.7255 183	2.7174 187	2.7093 190	21
22	8022 137	7920 142	7820 147	7721 152	7624 157	7528 161	7434 166	7341 171	7250 175	7161 180	7073 185	6987 189	6903 193	22
23	7885 139	7778 144	7673 149	7569 154	7467 159	7367 164	7268 169	7170 173	7075 179	6981 183	6888 187	6798 192	6710 197	23
24	7746 141	7634 146	7524 151	7415 156	7308 161	7203 167	7099 172	6997 177	6896 181	6798 186	6701 190	6606 195	6513 199	24
25	7605 143	7488 148	7373 154	7259 159	7147 165	7036 169	6927 174	6820 179	6715 184	6612 189	6511 194	6411 198	6314 203	25
26	2.7462 146	2.7340 152	2.7219 157	2.7100 162	2.6982 167	2.6867 173	2.6753 178	2.6641 182	2.6531 187	2.6423 192	2.6317 197	2.6213 201	2.6111 206	26
27	7316 148	7188 153	7062 159	6938 165	6815 170	6694 175	6575 180	6459 186	6344 191	6231 196	6120 200	6012 205	5905 209	27
28	7168 151	7035 157	6903 162	6773 168	6645 173	6519 179	6395 184	6273 189	6153 194	6035 199	5920 204	5807 209	5696 214	28
29	7017 154	6878 160	6741 166	6605 171	6472 177	6340 182	6211 188	6084 193	5959 198	5836 203	5716 208	5598 213	5482 218	29
30	6863 157	6718 163	6575 169	6434 175	6295 180	6158 186	6023 191	5891 197	5761 202	5633 207	5508 213	5385 218	5264 223	30
31	2.6706 161	2.6555 167	2.6406 172	2.6259 178	2.6115 184	2.5972 189	2.5832 195	2.5694 201	2.5559 207	2.5426 212	2.5295 217	2.5167 222	2.5042 227	31
32	6545 164	6388 170	6234 177	6081 182	5931 189	5783 194	5637 200	5493 205	5352 211	5214 216	5078 221	4945 227	4815 232	32
33	6381 168	6218 174	6057 180	5899 187	5742 192	5589 199	5437 204	5288 210	5141 215	4998 222	4857 227	4718 232	4583 237	33
34	6213 171	6044 178	5877 185	5712 191	5550 197	5390 203	5233 210	5078 215	4926 221	4776 226	4630 232	4486 237	4346 243	34
35	6042 176	5866 183	5692 189	5521 195	5353 202	5187 208	5023 214	4863 220	4705 226	4550 232	4398 238	4249 244	4103 249	35
36	2.5866 181	2.5683 187	2.5503 194	2.5326 201	2.5151 207	2.4979 214	2.4809 220	2.4643 227	2.4479 232	2.4318 238	2.4160 244	2.4005 249	2.3854 255	36
37	5685 185	5496 192	5309 199	5125 206	4944 213	4765 219	4589 225	4416 232	4247 239	4080 245	3916 250	3756 257	3599 263	37
38	5500 191	5304 198	5110 205	4919 211	4731 218	4546 225	4364 232	4184 238	4008 245	3835 251	3666 258	3499 263	3336 269	38
39	5309 196	5106 203	4905 210	4708 218	4513 225	4321 232	4132 239	3946 245	3763 251	3584 258	3408 264	3236 271	3067 277	39
40	5113 201	4903 210	4695 217	4490 224	4288 232	4089 239	3893 246	3701 253	3512 260	3326 268	3144 273	2965 279	2790 285	40
41	2.4912 209	2.4693 216	2.4478 224	2.4266 232	2.4056 238	2.3850 246	2.3647 253	2.3448 261	2.3252 268	2.3058 273	2.2871 281	2.2686 288	2.2505 295	41
42	4703 214	4477 222	4254 230	4034 238	3818 247	3604 254	3394 261	3187 268	2984 276	2785 283	2590 290	2398 297	2210 304	42
43	4489 222	4255 230	4024 239	3796 247	3571 254	3350 262	3133 270	2919 278	2708 285	2502 292	2300 300	2101 307	1906 313	43
44	4267 229	4025 238	3785 246	3549 254	3317 263	3088 271	2863 280	2641 287	2423 294	2210 303	2000 310	1794 317	1593 324	44
45	4038 238	3787 247	3539 256	3295 264	3054 272	2817 281	2583 289	2354 297	2129 306	1907 313	1690 321	1477 328	1269 336	45
46	2.3800 246	2.3540 255	2.3283 264	2.3031 274	2.2782 282	2.2536 291	2.2294 300	2.2057 308	2.1823 316	2.1594 324	2.1369 332	2.1149 341	2.0933 348	46
47	3554 256	3285 265	3019 275	2757 284	2500 294	2245 303	1994 311	1749 321	1507 329	1270 338	1037 346	0808 353	0585 362	47
48	3298 266	3020 276	2744 285	2473 295	2206 305	1942 314	1683 323	1428 332	1178 342	0932 350	0691 359	0455 368	2.0223 376	48
49	3032 276	2744 287	2459 298	2178 308	1901 317	1628 327	1360 337	1096 347	0836 355	0582 365	2.0332 374	2.0087 383	1.9847 391	49
50	2756 289	2457 300	2161 310	1870 320	1584 331	1301 341	1023 351	0749 361	0481 371	2.0217 380	1.9958 390	1.9704 398	9456 408	50
51	2.2467 301	2.2157 312	2.1851 323	2.1550 335	2.1253 346	2.0960 356	2.0672 367	2.0388 377	2.0110 387	1.9837 397	1.9568 406	1.9306 417	1.9048 426	51
52	2166 315	1845 327	1528 339	1215 350	0907 361	0604 372	2.0305 383	2.0011 394	1.9723 405	9440 416	9162 426	8889 436	8622 445	52
53	1851 329	1518 342	1189 354	0865 366	0546 378	2.0232 391	1.9922 402	1.9617 413	9318 424	9024 435	8736 445	8453 456	8177 467	53
54	1522 346	1176 359	0835 372	0499 384	2.0168 397	1.9841 409	9520 421	9204 433	8894 445	8589 456	8291 468	7997 478	7710 489	54
55	1176 364	0817 377	0463 391	2.0115 405	1.9771 417	9432 430	9099 443	8771 455	8449 467	8133 479	7823 492	7519 503	7221 514	55
56	2.0812 383	2.0440 398	2.0072 411	1.9710 425	1.9354 440	1.9002 453	1.8656 466	1.8316 480	1.7982 493	1.7654 505	1.7331 517	1.7016 530	1.6707 542	56
57	0429 405	2.0042 419	1.9661 434	9285 450	8914 464	8549 478	8190 493	7836 506	7489 520	7149 534	6814 546	6486 559	6165 572	57
58	2.0024 427	1.9623 444	9227 460	8835 475	8450 490	8071 505	7697 520	7330 535	6969 549	6615 563	6268 578	5927 591	5593 605	58
59	1.9597 453	9179 470	8767 487	8360 503	7960 520	7566 536	7177 552	6795 567	6420 583	6052 598	5690 612	5336 627	4988 640	59
60	9144	8709	8280	7857	7440	7030	6625	6228	5837	5454	5078	4709	4348	60
	h m 10 0	h m 9 55	h m 9 50	h m 9 45	h m 9 40	h m 9 35	h m 9 30	h m 9 25	h m 9 20	h m 9 15	h m 9 10	h m 9 5	h m 9 0	

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TABLE II.

δ	h m 3 0	h m 3 5	h m 3 10	h m 3 15	h m 3 20	h m 3 25	h m 3 30	h m 3 35	h m 3 40	h m 3 45	h m 3 50	h m 3 55	h m 4 0	δ
°	s	s	s	s	s	s	s	s	s	s	s	s	s	°
0	3.0722 165	3.0722 168	3.0722 172	3.0722 175	3.0722 178	3.0722 182	3.0722 185	3.0722 188	3.0722 191	3.0722 194	3.0722 196	3.0722 199	3.0722 202	0
1	0557 165	0554 169	0550 172	0547 176	0544 179	0540 182	0537 185	0534 188	0531 191	0528 194	0526 197	0523 200	0520 203	1
2	0392 165	0385 169	0378 172	0371 176	0365 179	0358 182	0352 186	0346 189	0340 192	0334 194	0329 198	0323 200	0318 203	2
3	0227 166	0216 169	0206 172	0196 175	0186 180	3.0176 183	3.0166 186	3.0157 189	3.0148 191	3.0140 195	3.0131 197	3.0123 200	3.0116 203	3
4	3.0061 166	3.0047 169	3.0034 173	3.0020 176	3.0006 180	2.9993 183	2.9981 186	2.9968 189	2.9957 193	2.9945 195	2.9934 198	2.9923 200	2.9913 203	4
5	2.9895 166	2.9877 170	2.9860 174	2.9843 177	2.9826 180	9810 183	9794 187	9779 189	9764 193	9750 195	9736 198	9722 201	9709 204	5
6	2.9729 167	2.9707 170	2.9686 174	2.9666 177	2.9646 180	2.9626 184	2.9608 186	2.9589 190	2.9571 193	9554 196	2.9537 199	2.9521 201	2.9505 204	6
7	9562 168	9536 171	9512 174	9488 178	9465 181	9442 184	9420 188	9398 191	9378 193	9357 197	9338 199	9319 202	9301 204	7
8	9394 169	9365 172	9337 175	9310 178	9283 182	9257 185	9232 188	9207 191	9183 195	9160 198	9138 200	9116 203	9095 206	8
9	9225 170	9193 173	9161 176	9130 180	9100 183	9071 186	9043 189	9015 192	8988 195	8962 198	8936 202	8912 204	8888 207	9
10	9055 170	9020 174	8984 178	8950 182	8916 184	8884 187	8852 191	8821 194	8791 197	8762 200	8734 203	8707 206	8681 209	10
11	2.8885 173	2.8846 176	2.8806 179	2.8768 182	2.8732 187	2.8696 190	2.8661 193	2.8627 196	2.8594 199	2.8562 202	2.8531 205	2.8501 208	2.8472 211	11
12	8713 173	8670 177	8627 180	8586 184	8545 187	8506 191	8468 194	8431 198	8395 201	8360 204	8326 207	8293 209	8261 212	12
13	8540 175	8493 179	8447 182	8402 186	8358 189	8315 192	8274 196	8233 199	8194 202	8156 205	8119 208	8084 211	8049 213	13
14	8365 176	8314 180	8265 184	8216 187	8169 191	8123 194	8078 198	8034 200	7992 204	7951 207	7911 210	7873 213	7836 216	14
15	8189 177	8134 181	8081 185	8029 189	7978 192	7929 196	7880 199	7834 203	7788 206	7744 209	7701 212	7660 215	7620 218	15
16	2.8012 180	2.7953 183	2.7896 187	2.7840 191	2.7786 195	2.7733 198	2.7681 202	2.7631 205	2.7582 208	2.7535 211	2.7489 214	2.7445 217	2.7402 220	16
17	7832 181	7770 186	7709 189	7649 193	7591 196	7535 201	7479 203	7426 207	7374 210	7324 214	7275 216	7228 219	7182 222	17
18	7651 184	7584 187	7520 192	7456 195	7395 199	7334 202	7276 206	7219 209	7164 212	7110 215	7059 219	7009 222	6960 224	18
19	7467 185	7397 190	7328 193	7261 197	7196 201	7132 205	7070 208	7010 212	6952 216	6895 219	6840 222	6787 225	6736 228	19
20	7282 189	7207 192	7135 196	7064 200	6995 204	6927 207	6862 211	6798 214	6736 218	6676 221	6618 224	6562 227	6508 230	20
21	2.7093 190	2.7015 196	2.6939 199	2.6864 203	2.6791 207	2.6720 210	2.6651 214	2.6584 218	2.6518 220	2.6455 225	2.6394 227	2.6335 231	2.6278 234	21
22	6903 193	6820 197	6740 202	6661 205	6584 209	6510 214	6437 217	6366 220	6298 224	6230 226	6167 231	6104 233	6044 236	22
23	6710 197	6623 201	6538 204	6456 206	6375 213	6296 216	6220 220	6146 224	6074 228	6004 231	5936 234	5871 237	5808 241	23
24	6513 199	6422 203	6334 208	6250 215	6162 215	6080 220	6000 224	5922 227	5846 230	5773 234	5702 238	5634 241	5567 244	24
25	6314 203	6219 207	6126 211	6035 215	5947 220	5860 223	5776 227	5695 231	5616 235	5539 238	5464 241	5393 245	5323 248	25
26	2.6111 206	2.6012 211	2.5915 215	2.5820 219	2.5727 223	2.5637 227	2.5549 231	2.5464 235	2.5381 239	2.5301 243	2.5223 246	2.5148 249	2.5075 252	26
27	5905 209	5801 214	5700 219	5601 223	5504 227	5410 232	5318 235	5229 239	5142 243	5058 246	4977 250	4899 254	4823 257	27
28	5696 214	5587 218	5481 222	5378 228	5277 232	5178 235	5083 240	4990 244	4899 247	4812 252	4727 255	4645 258	4566 262	28
29	5482 218	5369 223	5259 228	5150 231	5045 236	4943 241	4843 244	4746 250	4652 252	4560 256	4472 260	4387 264	4304 266	29
30	5264 222	5146 226	5031 231	4919 236	4809 240	4702 245	4599 250	4496 252	4400 258	4304 261	4212 265	4123 268	4038 272	30
31	2.5042 227	2.4920 232	2.4800 237	2.4683 242	2.4569 246	2.4457 250	2.4349 255	2.4244 259	2.4142 263	2.4043 267	2.3947 271	2.3855 275	2.3766 278	31
32	4815 233	4688 237	4563 242	4441 246	4323 252	4207 256	4094 260	3985 264	3879 269	3776 273	3676 276	3580 280	3488 285	32
33	4583 238	4451 243	4321 247	4195 253	4071 257	3951 262	3834 266	3721 271	3610 275	3503 279	3400 283	3300 287	3203 290	33
34	4345 243	4208 248	4074 254	3942 258	3814 263	3689 267	3568 273	3450 277	3335 281	3224 286	3117 290	3013 294	2913 298	34
35	4103 249	3960 254	3820 259	3684 265	3551 270	3422 275	3295 279	3173 284	3054 288	2938 292	2827 297	2719 301	2615 305	35
36	2.3854 256	2.3706 261	2.3561 266	2.3419 271	2.3281 276	2.3147 282	2.3016 286	2.2889 291	2.2766 296	2.2646 300	2.2530 304	2.2418 309	2.2310 312	36
37	3598 262	3445 268	3295 274	3148 279	3005 284	2865 289	2730 295	2598 299	2470 304	2346 309	2226 313	2109 317	1998 323	37
38	3336 269	3177 275	3021 281	2869 286	2721 292	2576 297	2435 302	2299 308	2166 312	2037 317	1913 323	1792 325	1676 330	38
39	3067 277	2902 283	2740 288	2583 295	2429 300	2279 305	2133 311	1991 315	1854 321	1720 325	1591 330	1467 335	1346 339	39
40	2790 285	2619 292	2452 298	2288 303	2129 309	1974 315	1822 320	1676 326	1533 331	1395 336	1261 341	1132 345	1007 349	40
41	2.2505 295	2.2327 301	2.2154 307	2.1985 313	2.1820 319	2.1659 325	2.1502 330	2.1350 336	2.1202 341	2.1059 346	2.0920 350	2.0787 356	2.0658 361	41
42	2210 304	2026 310	1847 317	1672 323	1501 329	1334 335	1172 341	1014 346	0861 351	0713 357	0570 362	0431 367	2.0297 372	42
43	1906 313	1716 320	1530 326	1349 334	1172 339	0999 346	0831 352	0668 357	0510 364	2.0356 369	2.0208 375	2.0064 379	1.9925 384	43
44	1593 324	1396 331	1204 339	1015 344	0832 351	0653 357	0479 363	2.0311 370	2.0146 375	1.9987 381	1.9833 386	1.9685 392	9541 397	44
45	1269 336	1065 343	0865 350	0671 357	0481 364	2.0296 371	2.0116 377	1.9941 384	1.9771 389	9606 395	9447 401	9293 406	9144 411	45
46	2.0933 349	2.0722 356	2.0515 363	2.0314 371	2.0117 378	1.9925 384	1.9739 391	1.9557 396	1.9382 404	1.9211 408	1.9046 415	1.8887 421	1.8733 427	46
47	0584 361	2.0366 370	2.0152 377	1.9943 384	1.9739 391	9541 399	9348 406	9161 413	8978 419	8803 427	8631 432	8466 438	8306 443	47
48	2.0223 376	1.9996 383	1.9775 392	9559 400	9348 408	9142 414	8942 422	8748 429	8559 435	8376 442	8199 448	8028 454	7863 460	48
49	1.9847 391	9613 400	9383 408	9159 416	8940 423	8728 432	8520 438	8319 446	8124 453	7934 460	7751 467	7574 473	7403 479	49
50	9456 408	9213 417	8975 425	8743 434	8517 442	8296 450	8082 458	7873 465	7671 473	7474 479	7284 486	7101 493	6924 500	50
51	1.9048 426	1.8796 435	1.8550 444	1.8309 452	1.8075 462	1.7846 469	1.7624 478	1.7408 486	1.7198 493	1.6995 501	1.6798 508	1.6608 515	1.6424 521	51
52	8622 445	8361 455	8106 464	7857 474	7613 482	7377 491	7146 500	6922 508	6705 516	6494 524	6290 531	6093 539	5903 546	52
53	8177 467	7906 476	7642 487	7383 496	7131 505	6886 515	6646 523	6414 532	6189 540	5970 548	5759 556	5554 564	5357 571	53
54	7710 489	7430 500	7155 510	6887 520	6626 530	6371 539	6123 549	5882 557	5649 567	5422 575	5196 583	4990 591	4786 599	54
55	7221 514	6930 526	6645 539	6367 547	6096 558	5832 568	5574 577	5325 586	5082 596	4847 605	4619 613	4399 622	4187 630	55
56	1.6707 542	1.6404 553	1.6106 562	1.5820 576	1.5538 587	1.5264 597	1.4997 608	1.4739 619	1.4486 627	1.4242 638	1.4006 647	1.3777 655	1.3557 664	56
57	6165 572	5851 584	5544 596	5244 608	4951 619	4667 631	4389 641	4120 652	3859 663	3604 672	3359 681	3122 691	2893 700	57
58	5593 605	5267 618	4948 631	4636 643	4332 655	4036 667	3748 675	3468 690	3196 700	2932 711	2678 722	2431 731	2193 741	58
59	4988 640	4649 654	4317 667	3993 681	3677 694	3369 706	3073 722	2778 730	2496 742	2221 753	1956 764	1700 774	1452 784	59
60	4348	3995	3650	3312	2983	2663	2351	2048	1754	1468	1192	0926	0668	60
	h m 9 0	h m 8 55	h m 8 50	h m 8 45	h m 8 40	h m 8 35	h m 8 30	h m 8 25	h m 8 20	h m 8 15	h m 8 10	h m 8 5	h m 8 0	

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TABLA II.

δ	h m 4 0	h m 4 5	h m 4 10	h m 4 15	h m 4 20	h m 4 25	h m 4 30	h m 4 35	h m 4 40	h m 4 45	h m 4 50	h m 4 55	h m 5 0	δ
°	s	s	s	s	s	s	s	s	s	s	s	s	s	°
0	3.0722 202	3.0722 204	3.0722 207	3.0722 209	3.0722 211	3.0722 213	3.0722 215	3.0722 217	3.0722 219	3.0722 221	3.0722 222	3.0722 224	3.0722 225	0
1	0520 202	0518 205	0515 207	0513 209	0511 212	0509 214	0507 216	0505 218	0503 219	0501 221	0500 223	0498 224	0497 226	1
2	0318 202	0313 205	0308 208	0304 210	0299 212	0295 214	0291 216	0287 218	0284 220	0280 221	0277 223	0274 224	0271 225	2
3	3.0116 203	3.0108 205	3.0100 207	3.0094 210	3.0087 212	3.0081 214	3.0075 216	3.0069 218	3.0064 220	3.0059 222	3.0054 223	3.0050 225	3.0046 227	3
4	2.9913 204	2.9903 206	2.9893 208	2.9884 211	2.9875 213	2.9867 215	2.9859 217	2.9851 219	2.9844 221	2.9837 223	2.9831 225	2.9825 226	2.9819 228	4
5	9709 204	9697 206	9685 208	9673 211	9662 213	9652 215	9642 217	9632 219	9623 221	9615 223	9607 225	9599 226	9593 228	5
6	2.9505 204	2.9490 207	2.9476 209	2.9462 211	2.9449 213	2.9436 216	2.9424 218	2.9413 219	2.9402 221	2.9392 223	2.9382 225	2.9373 226	2.9365 228	6
7	9301 206	9283 208	9266 210	9250 212	9235 214	9220 216	9206 218	9192 221	9180 222	9168 224	9157 225	9146 227	9137 229	7
8	9095 206	9075 209	9056 210	9037 213	9019 216	9003 217	8986 220	8971 222	8957 223	8943 225	8930 227	8918 228	8908 231	8
9	8889 208	8866 210	8844 212	8824 213	8803 216	8784 219	8766 220	8749 222	8733 224	8717 226	8703 227	8689 229	8677 231	9
10	8681 209	8656 212	8631 213	8608 216	8586 217	8565 219	8544 222	8525 224	8507 226	8490 227	8474 229	8459 230	8445 232	10
11	2.8472 211	2.8444 213	2.8417 215	2.8392 218	2.8367 220	2.8344 223	2.8321 224	2.8300 226	2.8280 228	2.8262 231	2.8244 232	2.8227 233	2.8212 235	11
12	8261 212	8231 215	8202 217	8174 220	8147 222	8121 224	8097 226	8074 228	8052 230	8031 231	8012 233	7994 235	7977 236	12
13	8049 213	8016 216	7985 219	7954 221	7925 224	7897 226	7871 228	7846 230	7822 232	7800 234	7779 236	7759 237	7741 238	13
14	7836 216	7800 218	7766 221	7733 223	7701 225	7671 227	7643 230	7616 232	7590 234	7566 236	7543 237	7522 239	7503 241	14
15	7620 218	7582 221	7545 223	7510 226	7476 228	7444 231	7413 232	7384 235	7356 236	7330 238	7306 240	7283 241	7262 243	15
16	2.7402 220	2.7361 222	2.7322 225	2.7284 228	2.7248 230	2.7213 232	2.7181 235	2.7149 236	2.7120 239	2.7092 240	2.7066 241	2.7042 244	2.7019 245	16
17	7182 222	7139 225	7097 228	7056 230	7018 233	6981 235	6946 237	6913 239	6881 241	6852 243	6825 246	6798 246	6774 248	17
18	6960 224	6914 228	6869 230	6826 232	6785 235	6746 237	6709 240	6674 242	6640 243	6609 246	6579 247	6552 249	6526 250	18
19	6736 228	6686 230	6639 233	6594 236	6550 238	6509 241	6469 242	6432 245	6397 247	6363 248	6332 250	6303 252	6276 254	19
20	6508 230	6456 233	6406 236	6358 238	6312 241	6268 243	6227 246	6187 248	6150 250	6115 252	6082 254	6051 255	6022 257	20
21	2.6278 234	2.6223 236	2.6170 239	2.6120 242	2.6071 244	2.6025 247	2.5981 249	2.5939 251	2.5900 253	2.5863 256	2.5828 257	2.5796 259	2.5765 260	21
22	6044 236	5987 240	5931 242	5878 245	5827 248	5778 250	5732 253	5688 255	5647 257	5607 258	5571 261	5537 263	5505 264	22
23	5808 241	5747 243	5689 247	5633 249	5579 251	5528 254	5479 256	5433 258	5390 261	5349 263	5310 265	5274 266	5241 268	23
24	5567 244	5504 247	5442 249	5384 253	5328 256	5274 258	5223 260	5175 263	5129 265	5086 267	5045 268	5008 271	4973 272	24
25	5323 248	5257 251	5193 255	5131 257	5072 259	5016 262	4963 265	4912 267	4864 269	4819 271	4777 273	4737 275	4701 277	25
26	2.5075 252	2.5006 256	2.4938 258	2.4874 261	2.4813 265	2.4754 267	2.4698 269	2.4645 272	2.4595 274	2.4548 276	2.4504 278	2.4462 279	2.4424 282	26
27	4823 257	4750 260	4680 263	4613 266	4548 268	4487 271	4429 274	4373 276	4321 279	4272 281	4226 283	4183 285	4142 286	27
28	4566 262	4490 265	4417 268	4347 271	4280 274	4216 277	4155 279	4097 281	4042 283	3991 286	3943 288	3898 290	3856 292	28
29	4304 266	4225 270	4149 273	4076 276	4006 279	3939 282	3876 285	3816 288	3759 290	3705 292	3655 294	3608 296	3564 297	29
30	4038 272	3955 275	3876 279	3800 282	3727 285	3657 287	3591 290	3528 293	3469 295	3413 297	3361 300	3312 302	3267 304	30
31	2.3766 278	2.3680 282	2.3597 285	2.3518 288	2.3442 291	2.3370 294	2.3301 297	2.3235 299	2.3174 302	2.3116 304	2.3061 306	2.3010 308	2.2963 310	31
32	3488 285	3398 287	3312 291	3230 294	3151 298	3076 301	3004 304	2936 306	2872 308	2812 311	2755 313	2702 315	2653 317	32
33	3203 290	3111 295	3021 298	2936 302	2853 304	2775 307	2700 309	2630 312	2564 316	2501 318	2442 320	2387 322	2336 324	33
34	2913 298	2816 301	2723 304	2634 308	2549 311	2468 314	2391 317	2318 320	2248 323	2183 325	2122 328	2065 330	2012 332	34
35	2615 305	2515 308	2419 312	2326 315	2238 319	2154 322	2074 326	1998 329	1925 330	1858 334	1794 335	1735 338	1680 340	35
36	2.2310 312	2.2207 317	2.2107 321	2.2011 324	2.1919 327	2.1832 331	2.1748 333	2.1669 336	2.1595 340	2.1524 342	2.1459 345	2.1397 347	2.1340 349	36
37	1998 322	1890 325	1786 329	1687 333	1592 336	1501 339	1415 343	1333 346	1255 348	1182 351	1114 354	1050 356	0991 358	37
38	1676 330	1565 334	1457 338	1354 342	1256 346	1162 349	1072 352	0987 355	0907 358	0831 361	0760 363	0694 365	0633 368	38
39	1346 339	1231 344	1119 347	1012 351	0910 355	0813 359	0720 362	0632 365	0549 368	0470 371	0397 374	2.0329 376	2.0265 378	39
40	1007 349	0887 354	0772 358	0661 362	0555 366	0454 367	2.0358 373	2.0267 377	2.0181 380	2.0099 382	2.0023 385	1.9953 388	1.9887 390	40
41	2.0658 361	2.0533 365	2.0414 369	2.0299 373	2.0189 377	2.0087 380	1.9985 384	1.9890 387	1.9801 391	1.9717 394	1.9638 397	1.9565 400	1.9497 402	41
42	2.0297 372	2.0168 376	2.0045 381	1.9926 385	1.9812 389	1.9704 393	1.9601 397	1.9503 400	1.9410 403	1.9323 406	1.9241 409	1.9165 412	1.9095 415	42
43	1.9925 384	1.9792 389	1.9664 394	1.9541 398	1.9423 402	1.9311 406	1.9204 410	1.9103 414	1.9007 417	1.8917 420	1.8832 423	1.8753 426	1.8680 428	43
44	9541 397	9403 402	9270 407	9143 411	9021 416	8905 420	8794 423	8689 427	8590 431	8497 435	8409 437	8327 440	8252 443	44
45	9144 411	9001 416	8863 421	8732 426	8605 430	8485 434	8371 439	8262 443	8159 446	8062 449	7972 453	7887 456	7809 459	45
46	1.8733 427	1.8585 432	1.8442 436	1.8306 442	1.8175 446	1.8051 451	1.7932 455	1.7819 459	1.7713 463	1.7613 467	1.7519 470	1.7431 473	1.7350 476	46
47	8306 443	8153 448	8006 454	7864 459	7729 464	7600 468	7477 473	7360 476	7250 481	7146 484	7049 488	6958 491	6874 494	47
48	7863 460	7705 466	7552 472	7405 476	7265 483	7132 487	7004 491	6884 496	6769 499	6662 504	6561 507	6467 510	6380 513	48
49	7403 479	7239 485	7080 491	6929 497	6783 501	6645 506	6513 511	6388 515	6270 520	6158 524	6054 527	5957 531	5867 535	49
50	6924 499	6754 506	6589 511	6432 517	6282 523	6139 528	6002 533	5873 539	5750 542	5634 546	5527 550	5426 554	5332 557	50
51	1.6425 522	1.6248 528	1.6078 534	1.5915 540	1.5759 546	1.5611 552	1.5469 556	1.5334 560	1.5208 566	1.5088 570	1.4977 575	1.4872 578	1.4775 582	51
52	5903 546	5720 556	5544 559	5375 565	5213 570	5059 576	4913 582	4774 587	4642 592	4518 596	4402 601	4294 605	4193 608	52
53	5357 571	5164 575	4985 585	4810 592	4643 598	4483 604	4331 610	4187 615	4050 620	3922 625	3801 629	3689 633	3585 637	53
54	4786 599	4589 606	4400 614	4218 620	4045 627	3879 633	3721 639	3572 645	3430 650	3297 655	3172 659	3056 664	2948 668	54
55	4187 630	3983 638	3786 645	3598 653	3418 660	3246 666	3082 672	2927 678	2780 683	2642 689	2513 694	2392 699	2280 703	55
56	1.3557 664	1.3345 673	1.3141 680	1.2945 687	1.2758 694	1.2580 701	1.2410 708	1.2249 714	1.2097 720	1.1953 725	1.1819 731	1.1693 735	1.1577 740	56
57	2893 700	2673 709	2461 717	2258 725	2064 733	1879 741	1702 747	1535 753	1377 760	1228 766	1088 771	0958 776	0837 781	57
58	2193 740	1964 749	1744 758	1533 767	1331 775	1138 783	0955 791	1.0782 798	1.0617 804	1.0462 809	1.0317 816	1.0182 822	1.0056 826	58
59	1453 785	1215 794	0986 804	0954 812	0735 821	0527 828	0328 836	9140 844	8962 851	8794 859	8638 863	8491 869	8355 875	59
60	0668	0421	0182	0954	0735	0527	0328	9140	8962	8794	8638	8491	8355	60
	h m 8 0	h m 7 55	h m 7 50	h m 7 45	h m 7 40	h m 7 35	h m 7 30	h m 7 25	h m 7 20	h m 7 15	h m 7 10	h m 7 5	h m 7 0	

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TABLE II.

δ	h m 5 0	h m 5 5	h m 5 10	h m 5 15	h m 5 20	h m 5 25	h m 5 30	h m 5 35	h m 5 40	h m 5 45	h m 5 50	h m 5 55	h m 6 0	δ
°	s	s	s	s	s	s	s	s	s	s	s	s	s	°
0	3.0722	3.0722	3.0722	3.0722	3.0722	3.0722	3.0722	3.0722	3.0722	3.0722	3.0722	3.0722	3.0722	0
	225	226	228	228	229	230	231	232	232	232	233	233	233	
1	0497	0496	0494	0494	0493	0492	0491	0490	0490	0490	0489	0489	0489	1
	226	227	227	230	230	231	231	232	233	233	233	233	233	
2	0271	0269	0267	0264	0263	0261	0260	0258	0257	0256	0256	0256	0256	2
	225	227	229	229	231	231	232	233	233	234	234	234	234	
3	3.0046	3.0042	3.0038	3.0035	3.0032	3.0030	3.0028	3.0026	3.0024	3.0023	3.0022	3.0022	3.0022	3
	227	228	228	230	230	232	232	233	233	233	234	234	234	
4	2.9819	2.9814	2.9810	2.9805	2.9802	2.9798	2.9796	2.9793	2.9791	2.9790	2.9788	2.9788	2.9788	4
	226	228	230	230	232	232	233	233	234	235	234	235	235	
5	9593	9586	9580	9575	9570	9566	9563	9560	9557	9555	9554	9553	9553	5
	228	228	230	231	231	232	234	234	234	235	236	235	236	
6	2.9365	2.9358	2.9350	2.9344	2.9339	2.9334	2.9329	2.9326	2.9323	2.9320	2.9318	2.9318	2.9317	6
	228	230	230	232	233	234	234	235	236	236	236	237	236	
7	9137	9128	9120	9112	9106	9100	9095	9091	9087	9084	9082	9081	9081	7
	229	231	232	232	234	235	235	236	236	236	237	237	237	
8	8908	8897	8888	8880	8872	8865	8860	8855	8851	8848	8845	8844	8844	8
	231	231	233	234	235	235	237	237	238	239	238	239	239	
9	8677	8666	8655	8646	8637	8630	8623	8618	8613	8609	8607	8605	8605	9
	233	233	235	236	236	238	238	239	239	239	240	239	240	
10	8445	8433	8420	8410	8401	8392	8385	8379	8374	8370	8367	8366	8365	10
	233	235	235	236	238	238	239	240	240	241	241	242	241	
11	2.8212	2.8198	2.8185	2.8174	2.8163	2.8154	2.8146	2.8139	2.8134	2.8129	2.8126	2.8124	2.8124	11
	235	236	237	239	239	240	241	241	243	243	243	243	244	
12	7977	7962	7948	7935	7924	7914	7905	7898	7891	7887	7883	7881	7880	12
	236	238	239	240	241	242	243	244	243	245	244	245	244	
13	7741	7724	7709	7695	7683	7672	7662	7654	7648	7642	7639	7636	7636	13
	238	239	241	242	243	244	245	245	246	246	247	246	247	
14	7503	7485	7468	7453	7440	7428	7417	7409	7402	7396	7392	7390	7389	14
	241	242	243	244	246	246	246	248	248	248	249	249	249	
15	7262	7243	7225	7209	7194	7182	7171	7161	7154	7148	7143	7141	7140	15
	243	244	245	247	247	249	249	249	251	251	251	251	251	
16	2.7019	2.6999	2.6980	2.6962	2.6947	2.6933	2.6922	2.6912	2.6903	2.6897	2.6892	2.6890	2.6889	16
	245	247	248	248	250	251	252	253	253	253	253	254	254	
17	6774	6752	6732	6714	6697	6682	6670	6659	6650	6644	6639	6636	6635	17
	248	249	251	252	253	253	255	255	255	256	256	257	257	
18	6526	6503	6481	6462	6444	6429	6415	6404	6395	6388	6382	6379	6378	18
	250	252	253	255	255	257	257	258	259	259	259	259	259	
19	6276	6251	6228	6207	6189	6172	6158	6146	6136	6129	6123	6120	6119	19
	254	255	256	257	259	259	260	261	261	262	262	263	263	
20	6022	5996	5972	5950	5930	5913	5898	5885	5875	5867	5861	5857	5856	20
	257	259	260	261	262	263	264	264	265	266	266	265	266	
21	2.5765	2.5737	2.5712	2.5689	2.5668	2.5650	2.5634	2.5621	2.5610	2.5601	2.5595	2.5592	2.5590	21
	260	261	263	265	265	266	267	268	269	269	269	270	269	
22	5505	5476	5449	5424	5403	5384	5367	5353	5341	5332	5326	5322	5321	22
	264	266	267	268	269	271	271	272	272	272	273	273	274	
23	5241	5210	5182	5156	5134	5113	5096	5081	5069	5060	5053	5049	5047	23
	268	270	271	272	274	274	275	276	276	277	277	278	277	
24	4973	4940	4911	4884	4860	4839	4821	4805	4793	4783	4776	4771	4770	24
	272	273	275	276	277	278	279	280	281	281	282	281	283	
25	4701	4667	4636	4608	4583	4561	4542	4525	4512	4502	4494	4490	4488	25
	277	279	280	281	282	283	284	285	285	286	286	287	286	
26	2.4424	2.4388	2.4356	2.4327	2.4301	2.4278	2.4258	2.4240	2.4227	2.4216	2.4208	2.4203	2.4202	26
	282	283	284	286	287	288	290	289	291	291	291	291	292	
27	4142	4105	4072	4041	4014	3990	3968	3951	3936	3925	3917	3912	3910	27
	286	288	290	291	292	294	293	295	295	296	297	297	296	
28	3856	3817	3782	3750	3722	3696	3675	3656	3641	3629	3620	3615	3614	28
	292	293	295	296	298	298	300	300	301	302	301	302	302	
29	3564	3524	3487	3454	3424	3398	3375	3356	3340	3327	3319	3313	3312	29
	297	299	301	302	303	305	305	307	307	307	308	308	308	
30	3267	3225	3186	3152	3121	3093	3070	3049	3033	3020	3011	3005	3004	30
	304	305	306	308	310	310	312	312	313	314	314	314	315	
31	2.2963	2.2920	2.2880	2.2844	2.2811	2.2783	2.2758	2.2737	2.2720	2.2706	2.2697	2.2691	2.2689	31
	310	312	314	315	316	318	318	319	320	320	321	321	321	
32	2653	2608	2566	2529	2495	2465	2440	2418	2400	2386	2376	2370	2368	32
	317	319	320	322	323	324	326	326	327	327	328	328	328	
33	2336	2289	2246	2207	2172	2141	2114	2092	2073	2059	2048	2042	2040	33
	324	326	328	329	331	332	332	334	334	335	335	336	336	
34	2012	1963	1918	1878	1841	1809	1782	1758	1739	1724	1713	1706	1704	34
	332	334	335	337	338	339	341	342	342	343	343	343	343	
35	1680	1629	1583	1541	1503	1470	1441	1416	1397	1381	1370	1363	1361	35
	340	342	344	345	347	348	349	349	351	351	352	352	352	
36	2.1340	2.1287	2.1239	2.1196	2.1156	2.1122	2.1092	2.1067	2.1046	2.1030	2.1018	2.1011	2.1009	36
	349	350	352	355	355	357	358	359	360	361	361	361	361	
37	0991	0937	0887	0841	0801	0765	0734	0708	0686	0669	0657	0650	0648	37
	358	361	363	363	365	367	368	369	369	370	370	371	371	
38	0633	0576	0524	0478	0436	0398	2.0366	2.0339	2.0317	2.0299	2.0287	2.0279	2.0277	38
	368	370	372	373	376	376	378	379	380	380	381	381	381	
39	2.0265	2.0206	2.0152	2.0104	2.0060	2.0022	1.9988	1.9960	1.9937	1.9919	1.9906	1.9898	1.9896	39
	378	380	383	384	385	387	388	389	389	391	391	391	392	
40	1.9887	1.9826	1.9770	1.9720	1.9675	1.9635	9600	9571	9548	9528	9515	9507	9504	40
	390	393	394	396	398	399	400	401	403	403	403	404	403	
41	1.9497	1.9433	1.9376	1.9324	1.9277	1.9236	1.9200	1.9170	1.9145	1.9125	1.9112	1.9103	1.9101	41
	402	404	406	408	410	412	413	414	415	415	416	416	417	
42	9095	9029	8970	8916	8867	8824	8787	8756	8730	8710	8696	8687	8684	42
	415	417	420	421	423	424	426	427	428	428	429	429	429	
43	8680	8612	8550	8495	8444	8400	8362	8329	8302	8282	8267	8258	8255	43
	428	430	433	435	436	438	440	441	441	443	443	444	444	
44	8252	8182	8118	8060	8008	7962	7922	7888	7861	7839	7824	7814	7811	44
	443	446	448	450	452	454	455	456	457	457	458	458	458	
45	7809	7736	7670	7610	7556	7508	7467	7432	7404	7382	7366	7356	7353	45
	459	461	464	466	468	469	471	472	473	474	475	475	475	
46	1.7350	1.7275	1.7206	1.7144	1.7088	1.7039	1.6996	1.6960	1.6931	1.6908	1.6891	1.6881	1.6878	46
	476	479	481	483	485	487	488	489	491	492	492	492	492	
47	6874	6796	6725	6661	6603	6552	6508	6471	6440	6416	6399	6389	6386	47
	494	496	499	501	503	505	507	509	509	510	511	511	512	
48	6380	6300	6226	6160	6100	6047	6001	5962	5931	5906	5888	5878	5874	48
	513	517	519	522	524	526	527	528	530	531	531	532	531	
49	5867	5783	5707	5638	5576	5521	5474	5434	5401	5375	5357	5346	5343	49
	535	537	540	542	545	547	548	550	551	552	553	553	554	
50	5332	5246	5167	5096	5031	4974	4926	4884	4850	4823	4804	4793	4789	50
	557	560	563	566	568	570	573	573	574	575	576	577	576	
51	1.4775	1.4686	1.4604	1.4530	1.4463	1.4404	1.4354	1.4311	1.4276	1.4248	1.4228	1.4216	1.4213	51
	582	585	588	591	593	595	598	599	601	601	602	602	603	
52	4193	4101	4016	3939	3870	3809	3756	3712	3675	3647	3626	3614	3610	52
	608	612	615	618	620	623	624	626	627	629	629	630	630	
53	3585	3489	3401	3321	3250	3186	3132	3086	3048	3018	2997	2984	2980	53
	637	641	644	646	650	651	654	656	657	658	659	659	659	
54	2948	2848	2757	2675	2600	2535	2478	2430	2391	2360	2338	2325	2321	54
	668	672	675	679	681	684	686	687	689	690	691	691	692	
55	2280	2176	2082	1996	1919	1851	1792	1743	1702	1670	1647	1634	1629	55
	706	706	711	713	716	719	721	724	725	726	727	728	728	
56	1.1577	1.1470	1.1371	1.1283	1.1203	1.1132	1.1071	1.1019	1.0977	1.0944	1.0920	1.0906	1.0901	56
	740	744	747	752	755	758	760	761	763	765	766	766	766	
57	0837	1.0726	1.0624	1.0531	1.0448	1.0374	1.0311	1.0258	1.0214	1.0179	1.0154	1.0140	1.0135	57
	781	786	790	798	796	799	801	804	806	806	807	808	809	
58	1.0056	0.9940	0.9834	0.9738	0.9652	0.9575	0.9510	0.9454	0.9408	0.9373	0.9347	0.9332	0.9326	58
	826	831	835	839	842	845	848	850	852	854	855	856	854	
59	0.9230	9109	8999	8899	8810	8730	8662	8604	8556	8519	8492	8476	8472	59
	875	879	884	888	892	895	898	900	902	904	904	905	906	
60	8355	8230	8115	8011	7918	7835	7764	7704	7654	7615	7588	7571	7566	60
	h m 7 0	h m 6 55	h m 6 50	h m 6 45	h m 6 40	h m 6 35	h m 6 30	h m 6 25	h m 6 20	h m 6 15	h m 6 10	h m 6 5	h m 6 0	

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TABLA II.

δ	h m 12 0	h m 12 5	h m 12 10	h m 12 15	h m 12 20	h m 12 25	h m 12 30	h m 12 35	h m 12 40	h m 12 45	h m 12 50	h m 12 55	h m 13 0	δ
°	s	s	s	s	s	s	s	s	s	s	s	s	s	°
0	3.0722	3.0722 6	3.0722 11	3.0722 16	3.0722 21	3.0722 26	3.0722 31	3.0722 36	3.0722 41	3.0722 46	3.0722 51	3.0722 56	3.0722 61	0
1	0722	0728 5	0733 10	0738 15	0743 20	0748 25	0753 30	0758 35	0763 41	0768 46	0773 50	0778 55	0783 60	1
2	0722	0733 5	0743 10	0753 15	0763 21	0773 26	0783 31	0793 36	0804 40	0814 45	0823 51	0833 56	0843 61	2
3	0722	0738 5	0753 10	0768 16	0784 20	0799 25	0814 30	0829 36	0844 41	0859 46	0874 51	0889 56	0904 60	3
4	0722	0743 5	0763 10	0784 16	0804 20	0824 26	0844 31	0865 35	0885 41	0905 46	0925 51	0945 56	0964 61	4
5	0722	0748 5	0773 10	0799 15	0824 21	0850 26	0875 31	0900 36	0926 40	0951 46	0976 51	1000 56	1025 61	5
6	3.0722	3.0753 5	3.0784 10	3.0814 16	3.0845 21	3.0875 26	3.0906 31	3.0936 36	3.0966 42	3.0996 47	3.1027 51	3.1056 57	3.1086 61	6
7	0722	0758 5	0794 10	0830 15	0866 20	0901 26	0937 31	0972 36	1008 41	1043 46	1078 51	1113 56	1147 62	7
8	0722	0763 6	0804 11	0845 16	0886 21	0927 26	0968 31	1008 36	1049 41	1089 47	1129 52	1169 57	1209 61	8
9	0722	0769 5	0815 10	0861 16	0907 21	0953 26	0999 31	1044 37	1090 42	1136 46	1181 52	1226 57	1270 63	9
10	0722	0774 5	0825 11	0877 15	0928 21	0979 26	1030 32	1081 37	1132 42	1182 47	1233 52	1283 57	1333 62	10
11	3.0722	3.0779 5	3.0836 10	3.0892 16	3.0949 21	3.1005 27	3.1062 31	3.1118 37	3.1174 42	3.1229 48	3.1285 53	3.1340 58	3.1395 63	11
12	0722	0784 6	0846 11	0908 16	0970 21	1032 26	1093 32	1155 37	1216 42	1277 48	1338 52	1398 58	1458 63	12
13	0722	0790 5	0857 11	0924 16	0991 22	1058 27	1125 33	1192 38	1258 43	1325 48	1390 54	1456 59	1521 64	13
14	0722	0795 6	0868 11	0940 17	1013 22	1085 27	1158 33	1230 38	1301 43	1373 48	1444 54	1515 59	1585 65	14
15	0722	0801 5	0879 11	0957 16	1035 22	1112 28	1190 33	1267 39	1344 44	1421 49	1498 54	1574 60	1650 65	15
16	3.0722	3.0806 6	3.0890 11	3.0973 17	3.1057 22	3.1140 27	3.1223 33	3.1306 38	3.1388 44	3.1470 50	3.1552 55	3.1634 60	3.1715 65	16
17	0722	0812 5	0901 11	0990 16	1079 22	1167 28	1256 33	1344 39	1432 45	1520 50	1607 56	1694 61	1780 67	17
18	0722	0817 6	0912 11	1006 18	1101 23	1195 29	1289 34	1383 40	1477 45	1570 51	1663 56	1755 62	1847 67	18
19	0722	0823 6	0923 12	1024 17	1124 23	1224 28	1323 35	1423 40	1522 45	1621 51	1719 57	1817 63	1914 68	19
20	0722	0829 5	0935 11	1041 17	1146 24	1252 29	1358 34	1463 40	1567 47	1672 52	1776 57	1879 63	1982 69	20
21	3.0722	3.0834 6	3.0946 12	3.1058 18	3.1170 23	3.1281 29	3.1392 36	3.1503 41	3.1614 46	3.1724 52	3.1833 59	3.1942 64	3.2051 69	21
22	0722	0840 6	0958 12	1076 18	1193 24	1310 30	1428 35	1544 42	1660 48	1776 54	1892 59	2006 65	2120 71	22
23	0722	0846 6	0970 12	1094 18	1217 24	1340 30	1463 36	1586 42	1708 48	1830 54	1951 60	2071 66	2191 72	23
24	0722	0852 6	0982 12	1112 18	1241 25	1370 31	1499 36	1628 43	1756 49	1884 55	2011 61	2137 67	2263 73	24
25	0722	0858 7	0994 13	1130 19	1266 25	1401 31	1536 37	1671 43	1805 50	1939 55	2072 62	2204 68	2336 74	25
26	3.0722	3.0865 6	3.1007 13	3.1149 19	3.1291 25	3.1432 32	3.1574 38	3.1714 45	3.1855 50	3.1994 57	3.2134 63	3.2272 69	3.2410 76	26
27	0722	0871 7	1020 13	1168 19	1316 26	1464 32	1612 38	1759 45	1905 52	2051 58	2197 64	2341 71	2486 77	27
28	0722	0878 6	1032 14	1187 20	1342 26	1496 33	1650 40	1804 46	1957 52	2109 59	2261 65	2412 71	2563 77	28
29	0722	0884 7	1046 13	1207 20	1368 27	1529 34	1690 40	1850 47	2009 54	2168 60	2326 67	2483 74	2640 80	29
30	0722	0891 7	1059 14	1227 21	1395 28	1563 34	1730 41	1897 47	2063 54	2228 62	2393 68	2557 75	2720 82	30
31	3.0722	3.0898 7	3.1073 14	3.1248 21	3.1423 27	3.1597 35	3.1771 42	3.1944 49	3.2117 56	3.2290 62	3.2461 70	3.2632 76	3.2802 83	31
32	0722	0905 7	1087 14	1269 21	1450 29	1632 36	1813 43	1993 50	2173 57	2352 64	2531 71	2708 78	2885 85	32
33	0722	0912 7	1101 15	1290 22	1479 29	1668 36	1856 44	2043 51	2230 58	2416 66	2602 72	2786 80	2970 86	33
34	0722	0919 8	1116 15	1312 23	1508 30	1704 38	1900 44	2094 53	2288 60	2482 67	2674 75	2866 82	3056 89	34
35	0722	0927 7	1131 15	1335 23	1538 31	1742 38	1944 46	2147 53	2348 61	2549 68	2749 76	2948 83	3145 91	35
36	3.0722	3.0934 8	3.1146 16	3.1358 23	3.1569 31	3.1780 39	3.1990 47	3.2200 55	3.2409 63	3.2617 71	3.2825 78	3.3031 86	3.3236 94	36
37	0722	0942 8	1162 16	1381 25	1600 33	1819 41	2037 49	2255 57	2472 64	2688 72	2903 80	3117 88	3330 96	37
38	0722	0950 9	1178 17	1406 24	1633 33	1860 41	2086 50	2312 57	2536 66	2760 75	2983 83	3205 90	3426 99	38
39	0722	0959 8	1195 17	1430 26	1666 34	1901 48	2136 51	2369 60	2602 68	2835 76	3066 84	3295 94	3525 101	39
40	0722	0967 9	1212 17	1456 27	1700 35	1944 44	2187 52	2429 61	2670 71	2911 79	3150 88	3389 96	3626 104	40
41	3.0722	3.0976 9	3.1229 18	3.1483 27	3.1735 37	3.1988 45	3.2239 55	3.2490 64	3.2741 72	3.2990 81	3.3238 90	3.3485 99	3.3730 108	41
42	0722	0985 9	1247 19	1510 28	1772 37	2033 47	2294 56	2554 65	2813 74	3071 84	3328 93	3584 102	3838 111	42
43	0722	0994 10	1266 20	1538 29	1809 39	2080 48	2350 58	2619 67	2887 77	3155 86	3421 96	3686 105	3949 115	43
44	0722	1004 10	1286 20	1567 30	1848 40	2128 50	2408 59	2686 70	2964 80	3241 90	3517 99	3791 109	4064 119	44
45	0722	1014 10	1306 20	1597 31	1888 41	2178 52	2467 62	2756 73	3044 82	3331 92	3616 103	3900 113	4183 123	45
46	3.0722	3.1024 11	3.1326 22	3.1628 32	3.1929 43	3.2230 53	3.2529 65	3.2828 75	3.3126 86	3.3423 97	3.3719 107	3.4013 117	3.4306 127	46
47	0722	1035 11	1348 22	1660 34	1972 44	2283 56	2594 66	2903 78	3212 89	3520 99	3826 110	4130 122	4433 132	47
48	0722	1046 13	1370 23	1694 34	2016 47	2339 58	2660 70	2981 81	3301 92	3619 104	3936 116	4252 126	4565 138	48
49	0722	1058 12	1393 24	1728 36	2063 48	2397 60	2730 72	3062 84	3393 96	3723 108	4052 119	4378 131	4703 143	49
50	0722	1070 13	1417 26	1764 38	2111 50	2457 63	2802 75	3146 88	3489 100	3831 112	4171 125	4509 137	4846 150	50
51	3.0722	3.1083 13	3.1443 26	3.1802 41	3.2161 53	3.2520 65	3.2877 79	3.3234 92	3.3589 105	3.3943 118	3.4296 130	3.4646 144	3.4996 155	51
52	0722	1096 13	1469 27	1843 40	2214 55	2585 69	2956 82	3326 96	3694 109	4061 123	4426 136	4790 150	5151 163	52
53	0722	1109 15	1496 29	1883 43	2269 57	2654 72	3038 86	3422 100	3803 115	4184 128	4562 143	4940 156	5314 171	53
54	0722	1124 15	1525 30	1926 45	2326 60	2726 75	3124 91	3522 105	3918 120	4312 135	4705 150	5096 165	5485 179	54
55	0722	1139 16	1555 32	1971 48	2386 64	2801 79	3215 95	3627 111	4038 126	4447 142	4855 158	5261 173	5664 188	55
56	3.0722	3.1155 17	3.1587 33	3.2019 50	3.2450 67	3.2880 84	3.3310 100	3.3738 116	3.4164 133	3.4589 150	3.5013 165	3.5434 182	3.5852 199	56
57	0722	1172 17	1620 36	2069 53	2517 70	2964 88	3410 105	3854 123	4297 141	4739 157	5178 175	5616 192	6051 209	57
58	0722	1189 19	1656 37	2122 56	2587 75	3052 93	3515 112	3977 131	4438 148	4896 167	5353 185	5808 203	6260 221	58
59	0722	1208 20	1693 39	2178 61	2662 79	3145 99	3627 118	4108 137	4586 158	5063 177	5538 196	6011 215	6481 235	59
60	0722	1228	1732	2237	2741	3244	3745	4245	4744	5240	5734	6226	6716	60
	h m 24 0	h m 23 55	h m 23 50	h m 23 45	h m 23 40	h m 23 35	h m 23 30	h m 23 25	h m 23 20	h m 23 15	h m 23 10	h m 23 5	h m 23 0	

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TABLE II.

δ	h m 13 0	h m 13 5	h m 13 10	h m 13 15	h m 13 20	h m 13 25	h m 13 30	h m 13 35	h m 13 40	h m 13 45	h m 13 50	h m 13 55	h m 14 0	δ
°	s	s	s	s	s	s	s	s	s	s	s	s	s	°
0	3.0722 61	3.0722 66	3.0722 71	3.0722 75	3.0722 80	3.0722 85	3.0722 90	3.0722 94	3.0722 99	3.0722 104	3.0722 108	3.0722 113	3.0722 117	0
1	0783 60	0788 65	0793 70	0797 75	0802 80	0807 85	0812 89	0816 94	0821 99	0826 103	0830 108	0835 112	0839 117	1
2	0843 61	0853 65	0863 70	0872 76	0882 80	0892 85	0901 90	0910 95	0920 99	0929 103	0938 108	0947 112	0956 117	2
3	0904 60	0918 66	0933 71	0948 75	0962 80	0976 85	0991 89	1005 94	1019 99	1032 103	1046 108	1059 112	1073 117	3
4	0964 61	0984 66	1004 70	1023 75	1042 80	1061 85	1080 90	1099 95	1118 99	1136 104	1154 108	1172 113	1190 117	4
5	1025 61	1050 66	1074 71	1098 76	1122 81	1146 86	1170 90	1194 94	1217 99	1240 104	1263 108	1285 113	1307 118	5
6	3.1086 61	3.1116 66	3.1145 71	3.1174 76	3.1203 81	3.1232 85	3.1260 91	3.1288 96	3.1316 100	3.1344 104	3.1371 109	3.1398 114	3.1425 118	6
7	1147 62	1182 66	1216 71	1250 76	1284 80	1317 86	1351 91	1384 95	1416 100	1448 106	1480 110	1512 114	1543 119	7
8	1209 61	1248 67	1287 73	1326 77	1364 83	1403 87	1442 91	1479 96	1516 101	1554 106	1590 110	1626 115	1662 119	8
9	1270 63	1315 67	1359 73	1403 77	1447 83	1490 87	1533 92	1575 97	1617 102	1659 106	1700 111	1741 116	1781 120	9
10	1333 63	1382 68	1431 73	1480 78	1529 83	1577 87	1625 92	1672 97	1719 102	1765 107	1811 111	1856 116	1901 121	10
11	3.1395 63	3.1450 68	3.1504 73	3.1558 78	3.1611 83	3.1664 88	3.1717 93	3.1769 98	3.1821 103	3.1872 107	3.1922 113	3.1972 117	3.2022 121	11
12	1458 63	1518 68	1577 73	1636 78	1694 83	1752 88	1810 93	1867 98	1923 104	1979 109	2035 113	2089 118	2143 123	12
13	1521 64	1586 69	1651 74	1715 79	1778 84	1841 89	1904 94	1966 99	2027 104	2088 109	2148 114	2207 119	2266 123	13
14	1585 65	1655 69	1725 74	1794 79	1862 84	1931 90	1998 94	2065 99	2131 105	2197 110	2262 114	2326 119	2389 125	14
15	1650 65	1725 70	1800 75	1874 80	1948 86	2021 90	2093 95	2165 100	2236 105	2307 110	2376 114	2445 119	2514 125	15
16	3.1715 65	3.1795 70	3.1875 75	3.1955 81	3.2034 86	3.2112 91	3.2189 96	3.2266 101	3.2343 107	3.2418 111	3.2493 117	3.2566 121	3.2639 126	16
17	1780 66	1866 71	1952 77	2036 81	2120 86	2204 92	2287 96	2369 102	2450 107	2530 112	2610 117	2688 122	2766 127	17
18	1847 67	1938 72	2029 77	2119 83	2208 88	2297 93	2385 98	2472 103	2558 108	2644 114	2728 118	2812 124	2894 128	18
19	1914 67	2011 73	2107 78	2202 83	2297 89	2391 94	2484 99	2576 104	2668 110	2758 114	2848 120	2937 125	3024 130	19
20	1982 68	2084 73	2186 79	2286 84	2387 90	2486 95	2585 101	2682 106	2779 111	2875 117	2969 121	3063 126	3155 131	20
21	3.2051 69	3.2158 74	3.2266 80	3.2372 86	3.2478 91	3.2582 96	3.2686 101	3.2789 107	3.2891 112	3.2992 117	3.3092 123	3.3191 128	3.3288 133	21
22	2120 69	2234 76	2347 81	2459 87	2570 92	2680 98	2790 104	2898 109	3005 114	3112 120	3217 125	3320 129	3423 135	22
23	2191 71	2310 76	2429 82	2547 88	2663 93	2779 99	2894 104	3008 110	3121 116	3232 120	3343 126	3452 132	3560 137	23
24	2263 72	2388 78	2512 83	2636 89	2758 95	2880 101	3000 106	3120 112	3238 117	3355 123	3471 128	3586 134	3699 139	24
25	2336 73	2467 79	2597 85	2726 90	2855 97	2982 102	3108 108	3233 113	3357 119	3480 125	3601 130	3721 135	3840 141	25
26	3.2410 74	3.2547 80	3.2683 86	3.2818 92	3.2953 98	3.3086 104	3.3218 110	3.3349 116	3.3478 121	3.3606 126	3.3733 132	3.3859 138	3.3983 143	26
27	2486 76	2629 82	2771 88	2912 94	3052 99	3191 105	3329 111	3466 117	3601 123	3735 129	3868 135	3999 140	4128 145	27
28	2562 76	2712 83	2860 89	3007 95	3154 102	3299 108	3443 114	3585 119	3727 126	3866 131	4005 137	4141 142	4277 149	28
29	2640 78	2796 84	2951 91	3105 98	3257 103	3408 109	3558 115	3707 122	3854 127	4000 134	4144 139	4287 146	4428 151	29
30	2720 80	2882 86	3044 93	3204 99	3362 105	3520 112	3676 118	3831 124	3984 130	4136 136	4287 143	4435 148	4582 154	30
31	3.2802 82	3.2970 88	3.3138 94	3.3305 101	3.3470 108	3.3634 114	3.3797 121	3.3958 127	3.4117 133	3.4275 139	3.4432 145	3.4586 151	3.4739 157	31
32	2885 83	3060 90	3235 97	3408 103	3580 110	3751 117	3920 123	4087 129	4253 136	4417 142	4580 148	4741 155	4900 161	32
33	2970 85	3152 92	3333 98	3513 105	3692 112	3869 118	4045 125	4219 132	4392 139	4562 145	4731 151	4899 158	5064 164	33
34	3056 86	3246 94	3434 101	3621 108	3807 115	3991 122	4174 129	4354 135	4534 142	4711 149	4886 155	5060 161	5231 167	34
35	3145 89	3342 96	3538 104	3732 111	3924 117	4115 124	4305 131	4493 139	4679 145	4863 152	5045 159	5225 165	5403 172	35
36	3.3236 91	3.3440 98	3.3643 105	3.3845 113	3.4045 121	3.4243 128	3.4440 135	3.4634 141	3.4827 148	3.5019 156	3.5208 163	3.5394 169	3.5579 176	36
37	3330 94	3542 102	3752 109	3961 116	4168 123	4374 131	4578 138	4780 146	4980 153	5178 159	5374 166	5568 174	5760 181	37
38	3426 96	3645 103	3863 111	4080 119	4295 127	4508 134	4720 142	4929 149	5137 157	5342 164	5546 172	5746 178	5945 185	38
39	3525 99	3752 107	3978 115	4202 122	4425 130	4646 138	4866 146	5083 154	5298 161	5511 169	5722 176	5930 184	6136 191	39
40	3626 101	3862 110	4096 118	4328 126	4559 134	4788 142	5016 150	5240 157	5463 165	5684 173	5902 180	6118 188	6332 196	40
41	3.3730 104	3.3974 112	3.4217 121	3.4458 130	3.4697 138	3.4935 147	3.5170 154	3.5403 163	3.5634 171	3.5863 179	3.6089 187	3.6312 194	3.6533 201	41
42	3838 108	4091 117	4342 125	4592 134	4840 143	5085 150	5329 159	5571 168	5810 176	6047 184	6281 192	6512 200	6741 208	42
43	3949 111	4211 120	4471 129	4730 138	4986 146	5241 156	5494 165	5744 173	5991 181	6237 190	6479 198	6719 207	6956 215	43
44	4064 115	4335 124	4605 134	4873 143	5138 152	5402 161	5663 169	5922 178	6179 188	6433 196	6684 205	6932 213	7178 222	44
45	4183 119	4464 129	4743 138	5020 147	5295 157	5568 166	5839 176	6107 185	6373 194	6636 203	6896 212	7153 221	7407 229	45
46	3.4306 123	3.4596 133	3.4886 143	3.5173 153	3.5457 162	3.5740 172	3.6020 181	3.6298 191	3.6573 200	3.6846 210	3.7115 219	3.7381 228	3.7645 238	46
47	4433 127	4734 138	5034 148	5331 158	5626 169	5919 179	6209 189	6497 199	6781 208	7063 217	7343 228	7618 237	7891 246	47
48	4565 133	4877 143	5187 153	5495 164	5801 175	6104 185	6405 196	6702 205	6998 217	7290 227	7579 236	7864 246	8146 255	48
49	4703 138	5026 149	5347 160	5666 171	5983 182	6297 193	6608 203	6917 215	7222 224	7525 235	7824 245	8120 256	8412 266	49
50	4846 143	5181 155	5514 167	5844 178	6172 189	6497 200	6820 212	7140 223	7456 234	7770 245	8080 256	8386 266	8689 277	50
51	3.4996 150	3.5342 161	3.5687 173	3.6029 185	3.6369 197	3.6706 209	3.7040 220	3.7372 232	3.7700 244	3.8025 255	3.8346 266	3.8663 277	3.8977 288	51
52	5151 155	5511 169	5868 181	6223 194	6575 206	6924 218	7271 231	7614 242	7954 254	8291 266	8624 278	8953 290	9279 302	52
53	5314 166	5687 176	6058 190	6426 203	6790 215	7153 229	7512 241	7868 254	8221 267	8570 279	8915 291	9256 303	9594 315	53
54	5485 171	5872 185	6256 198	6638 212	7016 226	7391 238	7764 252	8134 266	8499 278	8861 291	9219 304	9573 317	3.9923 329	54
55	5664 179	6065 193	6464 208	6860 222	7253 237	7643 252	8029 265	8413 279	8792 293	9167 306	9539 320	3.9906 333	4.0269 346	55
56	3.5852 188	3.6269 204	3.6683 219	3.7094 234	3.7502 249	3.7906 263	3.8308 279	3.8705 290	3.9099 307	3.9489 322	3.9875 336	4.0256 350	4.0633 364	56
57	6051 199	6483 214	6913 230	7340 246	7764 262	8184 278	8601 293	9014 309	9423 324	3.9828 339	4.0229 354	0625 369	1016 383	57
58	6260 209	6710 227	7156 243	7600 260	8040 276	8477 293	8910 309	9340 326	3.9765 342	4.0186 358	0602 373	1013 388	1420 404	58
59	6481 221	6949 239	7413 257	7875 275	8333 293	8787 310	9238 328	3.9684 344	4.0126 361	0564 378	0997 396	1425 412	1848 428	59
60	6716 235	7202 253	7686 273	8166 291	8642 309	9115 328	9584 346	4.0049 365	0509 383	0965 401	1415 418	1860 435	2301 453	60
	h m 23 0	h m 22 55	h m 22 50	h m 22 45	h m 22 40	h m 22 35	h m 22 30	h m 22 25	h m 22 20	h m 22 15	h m 22 10	h m 22 5	h m 22 0	

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TABLA II.

δ	h m 14 0	h m 14 5	h m 14 10	h m 14 15	h m 14 20	h m 14 25	h m 14 30	h m 14 35	h m 14 40	h m 14 45	h m 14 50	h m 14 55	h m 15 0	δ
°	s	s	s	s	s	s	s	s	s	s	s	s	s	°
0	3.0722	3.0722	3.0722	3.0722	3.0722	3.0722	3.0722	3.0722	3.0722	3.0722	3.0722	3.0722	3.0722	0
	117	122	126	130	134	138	142	146	150	154	158	162	165	
1	0839	0844	0848	0852	0856	0860	0864	0868	0872	0876	0880	0884	0887	1
	117	121	125	130	134	139	143	147	150	154	158	161	166	
2	0956	0965	0973	0982	0990	0999	1007	1015	1022	1030	1038	1045	1053	2
	117	121	126	130	134	138	142	146	151	154	158	162	165	
3	1073	1086	1099	1112	1124	1137	1149	1161	1173	1184	1196	1207	1218	3
	117	121	126	130	135	138	143	147	150	155	158	162	166	
4	1190	1207	1225	1242	1259	1275	1292	1308	1323	1339	1354	1369	1384	4
	117	122	126	130	134	139	142	147	151	155	159	162	166	
5	1307	1329	1351	1372	1393	1414	1434	1455	1474	1494	1513	1531	1550	5
	118	122	126	131	135	139	144	147	152	155	159	163	166	
6	3.1425	3.1451	3.1477	3.1503	3.1528	3.1553	3.1578	3.1602	3.1626	3.1649	3.1672	3.1694	3.1716	6
	118	123	127	131	136	140	144	148	152	156	160	164	167	
7	1543	1574	1604	1634	1664	1693	1722	1750	1778	1805	1832	1858	1883	7
	119	123	128	132	136	141	144	149	152	156	160	164	168	
8	1662	1697	1732	1766	1800	1834	1866	1899	1930	1961	1992	2022	2051	8
	119	124	128	133	137	141	146	149	154	158	161	165	169	
9	1781	1821	1860	1899	1937	1975	2012	2048	2084	2119	2153	2187	2220	9
	120	124	129	133	137	141	146	150	154	158	162	166	169	
10	1901	1945	1989	2032	2074	2116	2158	2198	2238	2277	2315	2353	2389	10
	121	126	130	134	139	143	146	151	155	159	163	167	171	
11	3.2022	3.2071	3.2119	3.2166	3.2213	3.2259	3.2304	3.2349	3.2393	3.2436	3.2478	3.2520	3.2560	11
	121	126	130	135	139	144	148	152	156	160	164	168	172	
12	2143	2197	2249	2301	2352	2403	2452	2501	2549	2596	2642	2688	2732	12
	123	127	132	136	141	145	149	153	157	162	166	169	173	
13	2266	2324	2381	2437	2493	2548	2601	2654	2706	2758	2808	2857	2905	13
	123	128	133	137	141	146	151	155	159	162	166	171	175	
14	2389	2452	2514	2574	2634	2694	2752	2809	2865	2920	2974	3028	3080	14
	125	129	133	137	141	146	151	156	160	164	169	172	176	
15	2514	2581	2647	2713	2777	2841	2903	2965	3025	3084	3143	3200	3256	15
	125	130	135	139	144	148	153	157	162	166	169	174	177	
16	3.2639	3.2711	3.2782	3.2852	3.2921	3.2989	3.3056	3.3122	3.3187	3.3250	3.3312	3.3374	3.3433	16
	127	133	137	141	146	150	155	159	163	168	172	175	180	
17	2766	2843	2919	2993	3067	3139	3211	3281	3350	3418	3484	3549	3613	17
	128	133	138	143	147	152	156	161	165	169	173	177	181	
18	2894	2976	3057	3136	3214	3291	3367	3442	3515	3587	3657	3726	3794	18
	130	135	139	144	149	153	158	162	167	171	175	180	184	
19	3024	3111	3196	3280	3363	3444	3525	3604	3682	3758	3832	3906	3978	19
	131	136	141	146	151	156	160	164	168	173	178	181	185	
20	3155	3247	3337	3426	3514	3600	3685	3768	3850	3931	4010	4087	4163	20
	133	138	143	148	152	157	162	167	171	175	180	184	188	
21	3.3288	3.3385	3.3480	3.3574	3.3666	3.3757	3.3847	3.3935	3.4021	3.4106	3.4190	3.4271	3.4351	21
	135	140	145	149	155	159	164	168	174	178	182	187	191	
22	3423	3525	3625	3723	3821	3916	4011	4103	4195	4284	4372	4458	4542	22
	137	141	147	152	156	162	166	171	175	180	184	189	193	
23	3560	3666	3772	3875	3977	4078	4177	4274	4370	4464	4556	4647	4735	23
	139	144	149	154	160	164	169	174	179	183	188	192	197	
24	3699	3810	3921	4029	4137	4242	4346	4448	4549	4647	4744	4839	4932	24
	141	147	151	157	161	167	172	177	181	186	190	195	199	
25	3840	3957	4072	4186	4298	4409	4518	4625	4730	4833	4934	5034	5131	25
	143	148	154	159	165	169	174	179	184	189	194	198	202	
26	3.3983	3.4105	3.4226	3.4345	3.4463	3.4578	3.4692	3.4804	3.4914	3.5022	3.5128	3.5232	3.5333	26
	145	151	157	162	167	173	178	182	187	192	197	201	206	
27	4128	4256	4383	4507	4630	4750	4870	4986	5101	5214	5325	5433	5539	27
	149	154	159	165	170	176	180	186	191	196	200	205	210	
28	4277	4410	4542	4672	4800	4926	5050	5172	5292	5410	5525	5638	5749	28
	151	157	162	168	173	178	184	189	194	199	204	209	214	
29	4428	4567	4704	4840	4973	5104	5234	5361	5486	5609	5729	5847	5963	29
	154	160	166	171	177	183	188	193	198	203	208	213	218	
30	4582	4727	4870	5011	5150	5287	5422	5554	5684	5812	5937	6060	6181	30
	157	163	169	174	180	185	191	197	202	207	213	217	222	
31	3.4739	3.4890	3.5039	3.5185	3.5330	3.5472	3.5613	3.5751	3.5886	3.6019	3.6150	3.6277	3.6403	31
	161	166	172	179	184	190	195	201	206	212	216	222	227	
32	4900	5056	5211	5364	5514	5662	5808	5952	6092	6231	6366	6499	6630	32
	164	171	177	182	188	194	200	205	211	216	222	227	232	
33	5064	5227	5388	5546	5702	5856	6008	6157	6303	6447	6588	6726	6862	33
	167	174	180	186	193	199	204	210	216	221	227	232	237	
34	5231	5401	5568	5732	5895	6055	6212	6367	6519	6668	6815	6958	7099	34
	172	178	184	191	197	203	209	215	221	227	233	238	243	
35	5403	5579	5752	5923	6092	6258	6421	6582	6740	6895	7047	7196	7342	35
	177	183	189	196	202	208	215	220	226	232	238	243	249	
36	3.5580	3.5762	3.5941	3.6119	3.6294	3.6466	3.6636	3.6802	3.6966	3.7127	3.7285	3.7439	3.7591	36
	180	187	194	201	207	214	220	226	232	238	244	250	255	
37	5760	5949	6135	6320	6501	6680	6856	7028	7198	7365	7529	7689	7846	37
	185	192	200	206	213	219	225	232	238	245	250	257	262	
38	5945	6141	6335	6526	6714	6899	7081	7260	7436	7610	7779	7946	8108	38
	191	198	205	211	218	225	232	239	246	251	258	263	270	
39	6136	6339	6540	6737	6932	7124	7313	7499	7682	7861	8037	8209	8378	39
	196	203	210	218	225	232	239	245	251	258	264	271	277	
40	6332	6542	6750	6955	7157	7356	7552	7744	7933	8119	8301	8480	8655	40
	201	210	217	224	231	238	245	253	260	266	273	279	285	
41	3.6533	3.6752	3.6967	3.7179	3.7388	3.7594	3.7797	3.7997	3.8193	3.8385	3.8574	3.8759	3.8940	41
	208	216	223	231	239	246	254	260	267	275	281	288	295	
42	6741	6968	7190	7410	7627	7840	8051	8257	8460	8660	8855	9047	9235	42
	215	222	231	239	246	254	261	269	276	283	290	297	303	
43	6956	7190	7421	7649	7873	8094	8312	8526	8736	8943	9145	9344	9538	43
	223	230	239	246	255	263	270	278	285	292	300	307	314	
44	7178	7420	7660	7895	8128	8357	8582	8804	9021	9235	9445	9651	3.9852	44
	229	238	246	255	263	271	279	287	295	303	310	317	324	
45	7407	7658	7906	8150	8391	8628	8861	9091	9316	9538	3.9755	3.9968	4.0176	45
	238	246	255	264	272	281	289	297	306	313	321	328	336	
46	3.7645	3.7904	3.8161	3.8414	3.8663	3.8909	3.9150	3.9388	3.9622	3.9851	4.0076	4.0296	4.0512	46
	246	256	265	274	283	291	300	308	316	324	333	341	348	
47	7891	8160	8426	8688	8946	9200	9450	3.9696	3.9938	4.0175	0408	0637	0860	47
	256	265	274	284	293	302	312	320	329	337	346	353	362	
48	8147	8425	8700	8972	9239	9502	3.9762	4.0016	4.0267	0512	0754	0990	1222	48
	265	276	286	295	305	315	323	333	343	351	359	368	376	
49	8412	8701	8986	9267	9544	3.9817	4.0085	0349	0609	0863	1113	1358	1598	49
	277	287	298	308	317	327	337	346	355	365	374	382	391	
50	8689	8988	9284	9575	3.9861	4.0144	0422	0695	0964	1228	1487	1740	1989	50
	288	299	309	320	331	338	351	361	371	380	389	399	408	
51	3.8977	3.9287	3.9593	3.9895	4.0192	4.0482	4.0773	4.1056	4.1335	4.1608	4.1876	4.2139	4.2397	51
	302	313	324	335	346	359	367	377	387	397	407	417	425	
52	9279	9600	3.9917	4.0230	0538	0841	1140	1433	1722	2005	2283	2556	2822	52
	315	327	338	350	361	372	383	395	405	415	426	436	446	
53	9594	3.9927	4.0255	0580	0899	1213	1523	1828	2127	2420	2709	2992	3268	53
	329	342	355	366	378	390	402	412	424	435	445	455	466	
54	3.9923	4.0269	0610	0946	1277	1603	1925	2240	2551	2855	3154	3447	3734	54
	346	359	371	384	397	409	421	433	445	456	468	479	490	
55	4.0269	0628	0981	1330	1674	2012	2346	2673	2996	3311	3622	3926	4224	55
	364	377	391	404	417	431	443	456	467	480	492	508	514	
56	4.0633	4.1005	4.1372	4.1734	4.2091	4.2443	4.2789	4.3129	4.3463	4.3791	4.4114	4.4429	4.4738	56
	383	398	412	426	440	453	466	479	493	505	517	530	542	
57	1016	1403	1784	2160	2531	2896	3255	3608	3956	4296	4631	4959	5280	57
	404	419	434	449	464	478	493	507	519	533	546	559	572	
58	1420	1822	2218	2609	2995	3374	3748	4115	4475	4829	5177	5518	5852	58
	428	444	460	475	490	505	520	535	550	564	578	591	604	
59	1848	2266	2678	3084	3485	3879	4268	4650	5025	5393	5755	6109	6456	59
	453	470	487	504	519	536	551	567	583	597	612	627	641	
60	2301	2736	3165	3588	4004	4415	4819	5217	5608	5990	6367	6736	7097	60
	h m 22 0	h m 21 55	h m 21 50	h m 21 45	h m 21 40	h m 21 35	h m 21 30	h m 21 25	h m 21 20	h m 21 15	h m 21 10	h m 21 5	h m 21 0	

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TABLE II.

δ	h m 15 0	h m 15 5	h m 15 10	h m 15 15	h m 15 20	h m 15 25	h m 15 30	h m 15 35	h m 15 40	h m 15 45	h m 15 50	h m 15 55	h m 16 0	δ
°	s	s	s	s	s	s	s	s	s	s	s	s	s	°
0	3.0722	3.0722	3.0722	3.0722	3.0722	3.0722	3.0722	3.0722	3.0722	3.0722	3.0722	3.0722	3.0722	0
1	0887 165	0891 169	0895 173	0898 176	0901 179	0904 182	0908 186	0911 189	0914 192	0916 194	0919 197	0922 200	0924 203	1
2	1053 166	1060 169	1067 172	1073 175	1080 179	1086 182	1093 185	1099 188	1105 191	1111 195	1116 197	1122 200	1127 203	2
3	1218 165	1229 169	1239 173	1249 176	1259 179	1269 183	1278 185	1288 189	1296 191	1305 194	1313 197	1321 199	1329 202	3
4	1384 166	1398 169	1412 173	1425 176	1439 180	1452 183	1464 186	1476 188	1488 192	1500 195	1511 198	1522 201	1532 203	4
5	1550 166	1567 171	1585 173	1602 177	1618 181	1635 183	1650 187	1666 190	1681 193	1695 196	1709 199	1722 202	1735 204	5
6	3.1716 167	3.1738 170	3.1758 175	3.1779 178	3.1799 181	3.1818 185	3.1837 188	3.1856 190	3.1874 193	3.1891 196	3.1908 199	3.1924 202	3.1939 205	6
7	1883 168	1908 172	1933 175	1957 178	1980 182	2003 185	2025 188	2046 192	2067 195	2087 198	2107 200	2126 203	2144 206	7
8	2051 169	2080 172	2108 176	2135 179	2162 183	2188 186	2213 189	2238 192	2262 195	2285 198	2307 201	2329 204	2350 206	8
9	2220 169	2252 173	2284 176	2314 181	2345 183	2374 187	2402 191	2430 194	2457 197	2483 199	2508 203	2533 205	2556 208	9
10	2389 171	2425 175	2460 178	2495 181	2528 185	2561 188	2593 191	2624 194	2654 197	2682 201	2711 203	2738 206	2764 209	10
11	3.2560 172	3.2600 175	3.2638 180	3.2676 183	3.2713 186	3.2749 190	3.2784 193	3.2818 196	3.2851 199	3.2883 202	3.2914 205	3.2944 208	3.2973 211	11
12	2732 173	2775 177	2818 180	2859 184	2899 188	2939 191	2977 194	3014 198	3050 201	3085 204	3119 207	3152 209	3184 212	12
13	2905 175	2952 178	2998 183	3043 186	3087 189	2130 192	3171 196	3212 199	3251 202	3289 205	3326 208	3361 211	3396 213	13
14	3080 176	3130 180	3180 184	3229 187	3276 191	3322 194	3367 197	3411 200	3453 204	3494 207	3534 210	3572 213	3609 216	14
15	3256 177	3310 182	3364 185	3416 189	3467 192	3516 196	3564 200	3611 203	3657 206	3701 209	3744 212	3785 215	3825 217	15
16	3.3433 180	3.3492 183	3.3549 187	3.3605 191	3.3659 195	3.3712 198	3.3764 201	3.3814 205	3.3863 208	3.3910 211	3.3956 214	3.4000 217	3.4042 220	16
17	3613 181	3675 185	3736 189	3796 193	3854 196	3910 200	3965 204	4019 207	4071 210	4121 213	4170 216	4217 219	4262 222	17
18	3794 184	3860 188	3925 191	3989 195	4050 199	4110 203	4169 206	4226 209	4281 212	4334 216	4386 219	4436 222	4484 225	18
19	3978 185	4048 190	4116 194	4184 197	4249 201	4313 204	4375 208	4435 212	4493 215	4550 218	4605 221	4658 225	4709 228	19
20	4163 188	4238 192	4310 196	4381 200	4450 204	4517 208	4583 211	4647 214	4708 218	4768 222	4826 225	4883 227	4937 230	20
21	3.4351 191	3.4430 194	3.4506 199	3.4581 203	3.4654 206	3.4725 210	3.4794 214	3.4861 217	3.4926 221	3.4990 224	3.5051 227	3.5110 230	3.5167 233	21
22	4542 193	4624 198	4705 201	4784 205	4860 210	4935 213	5008 217	5078 221	5147 224	5214 227	5278 231	5340 234	5400 237	22
23	4735 197	4822 200	4906 205	4989 206	5070 212	5148 216	5225 220	5299 224	5371 227	5441 231	5509 234	5574 237	5637 241	23
24	4932 199	5022 204	5111 208	5195 215	5282 216	5365 219	5445 223	5523 227	5598 231	5672 234	5743 237	5811 241	5878 243	24
25	5131 202	5226 207	5319 211	5410 215	5498 220	5584 224	5668 228	5750 231	5829 235	5906 238	5980 242	6052 245	6121 249	25
26	3.5333 206	3.5433 210	3.5530 215	3.5625 219	3.5718 223	3.5808 227	3.5896 231	3.5981 235	3.6064 239	3.6144 243	3.6222 246	3.6297 249	3.6370 252	26
27	5539 210	5643 215	5745 219	5844 223	5941 227	6035 231	6127 235	6216 239	6303 242	6387 246	6468 250	6546 254	6622 257	27
28	5749 214	5858 218	5964 222	6067 227	6168 231	6266 236	6362 240	6455 244	6545 248	6633 251	6718 255	6800 258	6879 261	28
29	5963 218	6076 222	6186 227	6294 232	6399 236	6502 240	6602 244	6699 248	6793 252	6884 256	6973 259	7058 263	7140 267	29
30	6181 222	6298 227	6413 232	6526 236	6635 241	6742 245	6846 250	6947 254	7045 258	7140 262	7232 266	7321 269	7407 272	30
31	3.6403 227	3.6525 232	3.6645 237	3.6762 242	3.6876 246	3.6987 251	3.7096 254	3.7201 259	3.7303 263	3.7402 267	3.7498 270	3.7590 274	3.7679 278	31
32	6630 232	6757 237	6882 242	7004 246	7122 252	7238 256	7350 261	7460 264	7566 268	7669 273	7768 277	7864 281	7957 285	32
33	6862 237	6994 243	7124 247	7250 253	7374 257	7494 261	7611 266	7724 271	7834 275	7942 279	8045 283	8145 287	8242 290	33
34	7099 243	7237 248	7371 253	7503 258	7631 263	7755 268	7877 273	7995 277	8109 282	8221 285	8328 290	8432 294	8532 298	34
35	7342 249	7485 254	7624 260	7761 265	7894 270	8023 275	8150 279	8272 284	8391 288	8506 293	8618 297	8726 301	8830 305	35
36	3.7591 255	3.7739 261	3.7884 266	3.8026 271	3.8164 276	3.8298 281	3.8429 286	3.8556 291	3.8679 296	3.8799 300	3.8915 304	3.9027 308	3.9135 312	36
37	7846 262	8000 268	8150 274	8297 279	8440 284	8579 290	8715 294	8847 299	8975 304	9099 309	9219 313	9335 317	9447 321	37
38	8108 270	8268 275	8424 280	8576 286	8724 292	8869 297	9009 303	9146 307	9279 312	9408 316	9532 321	9652 326	3.9768 330	38
39	8378 277	8543 283	8704 289	8862 295	9016 300	9166 305	9312 311	9453 316	9591 321	3.9724 326	3.9853 331	3.9978 335	4.0098 340	39
40	8655 285	8826 292	8993 298	9157 303	9316 309	9471 315	9623 320	3.9769 326	3.9912 330	4.0050 336	4.0184 340	4.0313 345	0438 349	40
41	3.8940 295	3.9118 300	3.9291 307	3.9460 313	3.9625 319	3.9786 325	3.9943 330	4.0095 335	4.0242 341	4.0386 346	4.0524 351	4.0658 356	4.0787 361	41
42	9235 303	9418 310	9598 316	3.9773 323	3.9944 329	4.0111 335	4.0273 341	0430 346	0583 352	0732 357	0875 362	1014 367	1148 372	42
43	9538 314	3.9728 321	3.9914 327	4.0096 333	4.0273 340	0446 345	0614 351	0776 358	0935 363	1089 369	1237 374	1381 379	1520 384	43
44	3.9852 324	4.0049 331	4.0241 338	0429 345	0613 351	0791 358	0965 364	1134 370	1298 376	1458 381	1611 387	1760 392	1904 397	44
45	4.0176 336	0380 343	0579 350	0774 357	0964 364	1149 371	1329 377	1504 383	1674 389	1839 395	1998 401	2152 406	2301 411	45
46	4.0512 348	4.0723 356	4.0929 364	4.1131 371	4.1328 377	4.1520 384	4.1706 391	4.1887 397	4.2063 403	4.2234 409	4.2399 415	4.2558 421	4.2712 427	46
47	0860 362	1079 369	1293 377	1502 384	1705 392	1904 399	2097 405	2284 413	2466 419	2643 425	2814 432	2979 437	3139 443	47
48	1222 376	1448 384	1670 392	1886 400	2097 407	2303 414	2502 422	2697 429	2885 436	3068 443	3246 448	3416 455	3582 460	48
49	1598 391	1832 400	2062 408	2286 416	2504 424	2717 431	2924 439	3126 446	3321 453	3511 459	3694 466	3871 473	4042 479	49
50	1989 408	2232 417	2470 425	2702 433	2928 441	3148 450	3363 458	3572 465	3774 472	3970 480	4160 487	4344 493	4521 499	50
51	4.2397 425	4.2649 435	4.2895 437	4.3135 453	4.3369 463	4.3598 470	4.3821 478	4.4037 485	4.4246 494	4.4450 501	4.4647 508	4.4837 515	4.5020 522	51
52	2822 446	3084 455	3332 471	3588 474	3831 483	4068 491	4299 499	4522 508	4740 526	4951 524	5155 531	5352 538	5542 546	52
53	3268 466	3539 476	3803 487	4062 496	4314 505	4559 515	4798 524	5030 532	5266 530	5475 548	5686 563	5890 564	6088 571	53
54	3734 490	4015 500	4290 510	4558 520	4819 530	5074 539	5322 549	5562 558	5796 567	6023 575	6249 577	6454 592	6659 599	54
55	4224 514	4515 526	4800 539	5078 547	5349 557	5613 567	5871 577	6120 587	6363 595	6598 605	6826 613	7046 622	7258 630	55
56	4.4738 542	4.5041 553	4.5339 562	4.5625 576	4.5906 587	4.6180 598	4.6448 607	4.6707 618	4.6958 628	4.7203 637	4.7439 647	4.7668 655	4.7888 664	56
57	5280 572	5594 584	5901 596	6201 608	6493 620	6778 630	7055 642	7325 652	7586 663	7840 672	8086 681	8323 691	8552 700	57
58	5852 604	6178 618	6497 631	6809 643	7113 655	7408 668	7697 675	7977 690	8249 700	8512 712	8767 722	9014 731	9252 740	58
59	6456 641	6796 654	7128 667	7452 681	7768 694	8076 706	8372 722	8667 730	8949 742	9224 752	4.9489 764	4.9745 774	4.9992 785	59
60	7097	7450	7795	8133	8462	8782	9094	9397	9691	9976	5.0253	5.0519	5.0777	60
	h m 21 0	h m 20 55	h m 20 50	h m 20 45	h m 20 40	h m 20 35	h m 20 30	h m 20 25	h m 20 20	h m 20 15	h m 20 10	h m 20 5	h m 20 0	

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TABLA II.

δ	h m 16 0	h m 16 5	h m 16 10	h m 16 15	h m 16 20	h m 16 25	h m 16 30	h m 16 35	h m 16 40	h m 16 45	h m 16 50	h m 16 55	h m 17 0	δ
°	s	s	s	s	s	s	s	s	s	s	s	s	s	°
0	3.0722 202	3.0722 205	3.0722 207	3.0722 210	3.0722 212	3.0722 214	3.0722 216	3.0722 218	3.0722 220	3.0722 221	3.0722 223	3.0722 224	3.0722 226	0
1	0924 203	1132 205	1136 207	1141 209	1146 212	1150 214	1154 216	1158 218	1161 219	1164 221	1168 223	1171 225	1173 226	1
2	1127 203	1337 205	1344 208	1351 210	1358 212	1364 214	1370 216	1376 218	1381 220	1386 222	1391 223	1395 224	1399 226	2
3	1329 203	1542 205	1552 208	1561 210	1570 212	1578 214	1586 216	1594 218	1601 220	1608 222	1614 223	1620 225	1626 227	3
4	1532 203	1748 206	1760 208	1772 211	1783 213	1793 215	1803 217	1813 219	1822 221	1830 223	1838 224	1845 225	1852 226	4
5	1735 203													5
6	3.1939 204	3.1954 206	3.1969 209	3.1983 211	3.1996 213	3.2009 216	3.2021 218	3.2032 220	3.2043 221	3.2053 223	3.2063 225	3.2072 227	3.2080 228	6
7	2144 205	2162 208	2179 210	2195 212	2210 214	2225 216	2239 218	2252 220	2265 222	2277 224	2288 225	2298 226	2308 228	7
8	2350 206	2370 208	2389 210	2408 213	2425 215	2442 217	2458 219	2474 222	2488 223	2502 225	2514 226	2526 228	2537 229	8
9	2556 206	2579 209	2601 212	2622 214	2642 217	2661 219	2679 221	2696 223	2712 224	2728 226	2742 228	2755 229	2768 231	9
10	2764 208	2789 210	2814 213	2837 215	2859 217	2880 219	2900 221	2920 224	2938 226	2955 227	2971 229	2986 231	3000 233	10
11	3.2973 209	3.3001 212	3.3028 214	3.3053 216	3.3078 219	3.3101 221	3.3123 223	3.3144 225	3.3164 226	3.3183 228	3.3201 230	3.3217 231	3.3233 233	11
12	3184 211	3214 213	3243 215	3270 217	3298 220	3324 222	3348 224	3371 226	3393 228	3413 230	3433 232	3451 234	3467 235	12
13	3396 212	3428 214	3460 217	3491 219	3520 222	3548 224	3574 226	3599 228	3623 230	3645 232	3666 234	3686 236	3704 237	13
14	3609 213	3645 217	3679 219	3712 221	3744 224	3774 226	3802 228	3829 230	3855 232	3879 234	3902 236	3923 237	3942 238	14
15	3825 216	3863 218	3900 221	3935 223	3969 225	4001 227	4032 230	4061 232	4089 234	4115 236	4139 237	4162 239	4183 241	15
16	3.4042 217	3.4083 220	3.4123 223	3.4161 226	3.4197 228	3.4231 230	3.4264 232	3.4295 234	3.4325 236	3.4353 238	3.4379 240	3.4403 241	3.4425 243	16
17	4262 220	4306 223	4348 225	4388 227	4427 230	4464 233	4499 235	4532 237	4564 239	4593 240	4621 242	4647 244	4671 246	17
18	4484 222	4531 225	4576 228	4618 230	4660 233	4699 235	4736 237	4771 239	4804 240	4836 243	4865 244	4893 246	4918 247	18
19	4709 225	4758 227	4806 230	4851 233	4895 235	4936 237	4976 240	5013 242	5048 244	5082 246	5113 248	5142 249	5169 251	19
20	4937 228	4989 231	5039 233	5087 236	5133 238	5176 240	5218 242	5258 245	5295 247	5330 248	5363 250	5394 252	5423 254	20
21	3.5167 230	3.5222 233	3.5275 236	3.5325 238	3.5374 241	3.5420 244	3.5464 246	3.5506 248	3.5545 250	3.5582 252	3.5617 254	3.5649 255	3.5680 257	21
22	5400 233	5458 236	5514 239	5567 242	5618 244	5667 247	5713 249	5757 251	5798 253	5837 255	5874 257	5908 259	5940 260	22
23	5637 237	5698 240	5756 242	5812 245	5866 248	5917 250	5966 253	6012 255	6055 257	6096 259	6135 261	6171 263	6204 264	23
24	5878 241	5941 243	6002 246	6061 249	6117 251	6171 254	6222 256	6270 258	6316 261	6359 263	6399 264	6437 266	6472 268	24
25	6121 243	6188 247	6252 250	6314 253	6373 256	6429 258	6482 260	6533 263	6581 265	6626 267	6668 269	6708 271	6744 272	25
26	3.6370 249	3.6439 251	3.6506 254	3.6571 257	3.6632 259	3.6691 263	3.6747 265	3.6800 267	3.6850 269	3.6897 271	3.6941 273	3.6983 275	3.7021 277	26
27	6622 252	6695 256	6765 259	6832 261	6896 264	6958 267	7016 269	7072 272	7124 274	7173 276	7219 278	7262 279	7302 281	27
28	6879 257	6955 260	7028 263	7098 266	7165 269	7229 271	7290 274	7348 276	7402 278	7454 281	7502 283	7547 285	7589 287	28
29	7140 261	7220 265	7296 268	7369 271	7439 274	7506 277	7569 279	7629 281	7686 284	7740 286	7790 288	7837 290	7881 292	29
30	7407 267	7490 270	7569 273	7645 276	7719 280	7788 282	7854 285	7916 287	7976 290	8032 292	8084 294	8133 296	8178 297	30
31	3.7679 272	3.7765 275	3.7848 279	3.7927 282	3.8003 284	3.8075 287	3.8144 290	3.8209 293	3.8271 295	3.8329 297	3.8384 300	3.8435 302	3.8482 304	31
32	7957 278	8047 282	8133 285	8215 288	8294 291	8369 294	8441 297	8509 300	8573 302	8633 304	8690 306	8743 308	8792 310	32
33	8242 285	8334 287	8424 291	8509 294	8591 297	8670 301	8744 303	8814 306	8881 308	8944 311	9003 313	9058 315	9109 317	33
34	8532 290	8629 295	8721 297	8810 301	8896 305	8977 307	9054 310	9127 313	9197 316	9262 318	9323 320	9380 323	9433 324	34
35	8830 298	8930 301	9026 305	9119 309	9207 311	9291 314	9371 317	9447 320	9520 323	9587 325	9651 328	3.9710 330	3.9765 333	35
36	3.9135 305	3.9238 308	3.9338 312	3.9434 315	3.9526 319	3.9613 322	3.9697 326	3.9776 329	3.9850 330	3.9920 333	3.9986 335	4.0048 338	4.0105 340	36
37	9447 312	9555 317	9659 321	3.9758 324	3.9853 327	3.9944 331	4.0030 333	4.0112 336	4.0190 340	4.0262 342	4.0331 345	0394 346	0454 349	37
38	3.9768 321	3.9880 325	3.9988 329	4.0091 333	4.0189 336	4.0283 339	0373 343	0458 346	0538 348	0614 352	0684 353	0750 356	0812 358	38
39	4.0098 330	4.0214 334	4.0326 338	0432 341	0535 346	0632 349	0725 352	0813 355	0896 358	0974 360	1048 364	1116 366	1178 369	39
40	0438 340	0558 344	0673 347	0784 352	0890 355	0991 359	1087 362	1178 365	1264 368	1345 371	1422 374	1492 376	1558 380	40
41	4.0787 349	4.0912 354	4.1031 358	4.1146 362	4.1255 365	4.1358 367	4.1460 373	4.1554 376	4.1644 380	4.1728 383	4.1806 384	4.1880 388	4.1948 390	41
42	1148 361	1276 364	1400 369	1519 373	1633 378	1741 383	1844 384	1942 388	2035 391	2122 394	2203 397	2279 399	2350 402	42
43	1520 372	1653 377	1781 381	1904 385	2022 389	2134 393	2241 397	2342 400	2438 403	2528 406	2613 410	2692 413	2765 415	43
44	1904 384	2042 389	2175 394	2302 398	2424 402	2540 406	2651 410	2755 413	2855 417	2948 420	3036 423	3118 426	3193 428	44
45	2301 397	2444 402	2582 407	2713 411	2839 415	2960 420	3074 423	3183 428	3286 431	3382 434	3473 437	3558 440	3636 443	45
46	4.2712 411	4.2860 416	4.3003 421	4.3139 426	4.3270 431	4.3394 434	4.3513 439	4.3626 443	4.3732 446	4.3832 450	4.3926 453	4.4014 456	4.4095 459	46
47	3139 427	3292 432	3439 436	3581 442	3716 446	3845 451	3968 455	4084 458	4195 463	4298 466	4396 470	4486 473	4571 476	47
48	3582 443	3740 448	3893 454	4040 459	4180 464	4313 468	4441 473	4561 477	4675 480	4783 485	4884 488	4978 492	5065 494	48
49	4042 460	4206 466	4365 472	4516 476	4662 482	4800 487	4932 491	5057 496	5175 500	5286 505	5391 507	5488 510	5578 513	49
50	4521 479	4691 485	4855 490	5012 496	5163 501	5306 506	5443 511	5572 515	5695 520	5810 524	5918 527	6019 531	6113 535	50
51	4.5020 499	4.5197 506	4.5367 512	4.5530 518	4.5686 523	4.5834 528	4.5976 533	4.6110 538	4.6237 542	4.6356 546	4.6468 550	4.6573 554	4.6670 557	51
52	5542 523	5725 528	5901 534	6070 540	6232 546	6386 552	6532 556	6671 561	6803 566	6927 571	7043 575	7151 578	7252 582	52
53	6088 546	6281 556	6460 559	6635 565	6802 570	6962 576	7114 582	7258 587	7395 592	7523 596	7644 601	7756 605	7860 608	53
54	6659 571	6856 575	7045 585	7226 591	7400 598	7566 604	7724 610	7873 615	8015 620	8148 625	8272 628	8389 633	8497 637	54
55	7258 599	7462 606	7659 614	7847 621	8027 627	8199 633	8363 639	8518 645	8665 650	8803 655	8932 660	9053 664	9165 668	55
56	4.7888 630	4.8100 638	4.8304 645	4.8499 652	4.8686 659	4.8865 666	4.9035 672	4.9196 678	4.9348 683	4.9492 689	4.9626 694	4.9751 698	4.9868 703	56
57	8552 664	8772 672	8984 680	9186 687	4.9381 695	4.9566 701	4.9743 708	4.9910 714	5.0068 720	5.0217 725	5.0357 731	5.0487 736	5.0608 740	57
58	9252 700	4.9480 708	4.9701 717	4.9912 726	5.0114 733	5.0306 740	5.0490 747	5.0663 753	0828 760	0983 766	1128 771	1263 776	1389 781	58
59	4.9992 740	5.0230 750	5.0459 758	5.0679 767	0889 775	1089 783	1280 790	1460 797	1632 804	1793 810	1943 815	2084 821	2215 826	59
60	5.0777 785	1024 794	1263 804	1491 812	1710 821	1918 829	2117 837	2305 845	2483 851	2650 857	2807 864	2954 870	3090 875	60
	h m 20 0	h m 19 55	h m 19 50	h m 19 45	h m 19 40	h m 19 35	h m 19 30	h m 19 25	h m 19 20	h m 19 15	h m 19 10	h m 19 5	h m 19 0	

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TABLE II.

δ	h m 17 0	h m 17 5	h m 17 10	h m 17 15	h m 17 20	h m 17 25	h m 17 30	h m 17 35	h m 17 40	h m 17 45	h m 17 50	h m 17 55	h m 18 0	δ
°	s	s	s	s	s	s	s	s	s	s	s	s	s	°
0	3.0722	3.0722	3.0722	3.0722	3.0722	3.0722	3.0722	3.0722	3.0722	3.0722	3.0722	3.0722	3.0722	0
	226	227	228	229	230	231	232	232	233	233	234	234	234	
1	0948	0949	0950	0951	0952	0953	0954	0954	0955	0955	0956	0956	0956	1
	225	227	228	229	230	231	231	232	233	233	233	233	233	
2	1173	1176	1178	1180	1182	1184	1185	1186	1188	1188	1189	1189	1189	2
	226	227	228	230	230	231	232	233	233	233	233	233	234	
3	1399	1403	1406	1410	1412	1415	1417	1419	1420	1422	1422	1422	1423	3
	227	227	229	229	231	231	232	233	234	233	234	235	234	
4	1626	1630	1635	1639	1643	1646	1649	1652	1654	1655	1656	1657	1657	4
	227	229	229	231	231	233	233	233	234	235	235	235	235	
5	1853	1859	1864	1870	1874	1879	1882	1885	1888	1890	1891	1892	1892	5
	227	228	230	231	233	233	234	234	234	235	235	235	236	
6	3.2080	3.2087	3.2094	3.2101	3.2106	3.2111	3.2116	3.2119	3.2122	3.2125	3.2126	3.2127	3.2128	6
	228	230	231	231	233	234	234	235	236	235	236	237	236	
7	2308	2317	2325	2332	2339	2345	2350	2354	2358	2360	2362	2364	2364	7
	229	231	232	233	234	235	235	236	236	237	238	237	237	
8	2537	2548	2557	2565	2573	2580	2585	2590	2594	2597	2600	2601	2601	8
	231	231	233	233	234	235	237	237	238	238	238	239	237	
9	2768	2779	2790	2799	2808	2815	2822	2827	2832	2835	2838	2839	2840	9
	232	233	233	234	235	237	238	239	239	238	240	240	240	
10	3000	3012	3024	3034	3044	3052	3060	3066	3071	3075	3078	3079	3080	10
	233	235	236	237	238	239	239	240	240	241	241	242	241	
11	3.3233	3.3247	3.3260	3.3271	3.3282	3.3291	3.3299	3.3306	3.3311	3.3316	3.3319	3.3321	3.3321	11
	234	236	237	239	239	240	241	241	242	242	243	243	243	
12	3467	3483	3497	3510	3521	3531	3540	3547	3553	3558	3562	3564	3564	12
	237	238	239	240	241	242	243	244	244	244	244	244	245	
13	3704	3721	3736	3750	3762	3773	3783	3791	3797	3802	3806	3808	3809	13
	238	239	241	242	243	244	246	244	246	247	247	247	247	
14	3942	3960	3977	3992	4005	4017	4027	4036	4043	4049	4053	4055	4056	14
	241	242	243	244	245	246	247	247	248	248	248	249	249	
15	4183	4202	4220	4236	4250	4263	4274	4283	4291	4297	4301	4304	4305	15
	243	244	245	246	248	249	250	250	251	251	251	251	251	
16	3.4425	3.4446	3.4465	3.4482	3.4498	3.4512	3.4523	3.4533	3.4542	3.4548	3.4552	3.4555	3.4556	16
	246	247	248	249	250	252	252	253	253	253	254	254	254	
17	4671	4693	4713	4731	4748	4762	4775	4786	4794	4801	4806	4809	4810	17
	247	249	251	252	252	254	254	255	256	256	256	257	256	
18	4918	4942	4964	4983	5000	5016	5029	5041	5050	5057	5062	5066	5066	18
	251	252	253	254	256	256	257	258	258	259	260	259	260	
19	5169	5194	5217	5237	5256	5272	5286	5299	5308	5316	5322	5325	5326	19
	254	255	256	258	259	260	261	261	262	262	262	262	262	
20	5423	5449	5473	5495	5515	5532	5547	5560	5570	5578	5584	5587	5588	20
	257	258	260	261	261	263	264	264	265	266	266	266	266	
21	3.5680	3.5707	3.5733	3.5756	3.5776	3.5795	3.5811	3.5824	3.5835	3.5844	3.5850	3.5853	3.5854	21
	260	262	263	264	266	266	267	268	268	268	269	270	270	
22	5940	5969	5996	6020	6042	6061	6078	6092	6103	6112	6119	6123	6124	22
	264	266	267	268	269	270	271	272	273	273	273	273	273	
23	6204	6235	6263	6288	6311	6331	6349	6364	6376	6385	6392	6396	6397	23
	268	269	271	272	273	275	275	276	276	277	277	278	278	
24	6472	6504	6534	6560	6584	6606	6624	6640	6652	6662	6669	6674	6675	24
	272	274	275	277	278	278	279	280	281	281	282	281	282	
25	6744	6778	6809	6837	6862	6884	6903	6920	6933	6943	6951	6955	6957	25
	277	278	280	281	282	283	284	284	285	286	286	287	286	
26	3.7021	3.7056	3.7089	3.7118	3.7144	3.7167	3.7187	3.7204	3.7218	3.7229	3.7237	3.7242	3.7243	26
	281	283	284	286	287	288	289	290	291	291	291	291	292	
27	7302	7339	7373	7404	7431	7455	7476	7494	7509	7520	7528	7533	7535	27
	287	288	290	290	292	293	294	295	295	296	296	297	296	
28	7589	7627	7663	7694	7723	7748	7770	7789	7804	7816	7824	7830	7831	28
	292	294	295	297	298	299	300	300	301	302	302	302	302	
29	7881	7921	7958	7991	8021	8047	8070	8089	8105	8118	8126	8132	8133	29
	297	299	300	302	303	305	305	306	307	307	308	308	308	
30	8178	8220	8258	8293	8324	8352	8375	8395	8412	8425	8434	8440	8441	30
	304	306	307	308	310	310	312	313	313	313	314	314	315	
31	3.8482	3.8525	3.8565	3.8601	3.8634	3.8662	3.8687	3.8708	3.8725	3.8738	3.8748	3.8754	3.8756	31
	310	312	314	315	316	318	318	319	320	321	321	321	320	
32	8792	8837	8879	8916	8950	8980	9005	9027	9045	9059	9069	9075	9076	32
	317	319	320	322	323	324	326	326	327	327	328	328	329	
33	9109	9156	9199	9238	9273	9304	9331	9353	9372	9386	9397	9403	9405	33
	324	326	328	329	330	332	332	334	334	335	335	335	335	
34	9433	9482	9527	9567	9603	9636	3.9663	3.9687	3.9706	3.9721	3.9732	3.9738	3.9740	34
	332	334	335	337	339	339	341	341	342	343	343	344	344	
35	3.9765	3.9816	3.9862	3.9904	3.9942	3.9975	4.0004	4.0028	4.0048	4.0064	4.0075	4.0082	4.0084	35
	340	342	344	345	346	348	349	350	351	351	352	352	352	
36	4.0105	4.0158	4.0206	4.0249	4.0288	4.0323	4.0353	4.0378	4.0399	4.0415	4.0427	4.0434	4.0436	36
	349	350	352	354	356	357	358	359	359	360	360	361	361	
37	0454	0508	0558	0603	0644	0680	0711	0737	0758	0775	0787	0795	0797	37
	358	360	362	364	365	366	367	369	370	370	371	370	371	
38	0812	0868	0920	0967	1009	1046	1078	1106	1128	1145	1158	1165	1168	38
	368	370	372	374	375	377	378	379	380	381	380	381	381	
39	1180	1238	1292	1341	1384	1423	1456	1485	1508	1526	1538	1546	1549	39
	378	381	383	384	386	387	389	389	389	391	392	392	392	
40	1558	1619	1675	1725	1770	1810	1845	1874	1897	1917	1930	1938	1941	40
	390	393	394	396	398	399	400	401	403	403	403	404	403	
41	4.1948	4.2012	4.2069	4.2121	4.2168	4.2209	4.2245	4.2275	4.2300	4.2319	4.2333	4.2342	4.2344	41
	402	404	406	408	410	411	413	414	414	416	416	416	416	
42	2350	2416	2475	2529	2578	2620	2658	2689	2714	2735	2749	2758	2760	42
	415	417	419	421	422	425	425	427	428	428	429	429	430	
43	2765	2833	2894	2950	3000	3045	3083	3116	3142	3163	3178	3187	3190	43
	428	430	433	435	437	438	440	440	442	443	443	443	444	
44	3193	3263	3327	3385	3437	3483	3523	3556	3584	3606	3621	3630	3634	44
	443	446	448	450	451	453	455	456	458	457	458	459	458	
45	3636	3709	3775	3835	3888	3936	3978	4012	4042	4063	4079	4089	4092	45
	459	461	463	466	468	470	470	472	473	474	475	475	475	
46	4.4095	4.4170	4.4238	4.4301	4.4356	4.4406	4.4448	4.4484	4.4514	4.4537	4.4554	4.4564	4.4567	46
	476	478	481	483	486	486	489	490	491	492	492	492	492	
47	4571	4648	4719	4784	4842	4892	4937	4974	5005	5029	5046	5056	5059	47
	494	497	500	501	506	506	506	508	509	510	511	511	512	
48	5065	5145	5219	5285	5345	5398	5443	5482	5514	5539	5557	5567	5571	48
	513	517	519	522	524	526	528	529	530	530	531	532	531	
49	5578	5662	5738	5807	5869	5924	5971	6011	6044	6069	6088	6099	6102	49
	535	537	540	542	545	547	548	550	551	553	553	553	554	
50	6113	6199	6278	6349	6414	6471	6519	6561	6595	6622	6641	6652	6656	50
	557	560	563	566	568	569	572	573	574	575	576	576	576	
51	4.6670	4.6759	4.6841	4.6915	4.6982	4.7040	4.7091	4.7134	4.7169	4.7197	4.7217	4.7228	4.7232	51
	582	585	588	591	593	596	597	599	601	601	601	603	603	
52	7252	7344	7429	7506	7575	7636	7688	7733	7770	7798	7818	7831	7835	52
	608	612	615	618	620	622	625	626	627	629	630	630	630	
53	7860	7956	8044	8124	8195	8258	8313	8359	8397	8427	8448	8461	8465	53
	637	641	644	646	649	652	654	656	657	658	659	659	659	
54	8497	8597	8688	8770	8844	8910	8967	9015	9054	9085	9107	9120	9124	54
	668	672	675	679	682	684	686	687	689	690	691	691	692	
55	9165	9269	4.9363	4.9449	4.9526	4.9594	4.9653	4.9702	4.9743	4.9775	4.9798	4.9811	4.9816	55
	708	706	710	713	716	719	721	723	725	726	727	728	728	
56	4.9868	4.9975	5.0073	5.0162	5.0242	5.0313	5.0374	5.0425	5.0468	5.0501	5.0525	5.0539	5.0544	56
	740	744	748	752	755	757	760	762	763	765	765	766	765	
57	5.0608	5.0719	0821	0914	0997	1070	1134	1187	1231	1266	1290	1305	1309	57
	781	786	790	793	796	799	801	804	806	806	808	808	809	
58	1389	1505	1611	1707	1793	1869	1935	1991	2036	2072	2098	2113	2118	58
	836	831	835	839	842	845	848	849	852	854	854	855	855	
59	2215	2336	2446	2546	2635	2714	2783	2840	2888	2926	2952	2968	2973	59
	875	879	884	888	892	896	898	901	903	904	905	906	906	
60	3090	3215	3330	3434	3527	3610	3681	3741	3790	3830	3857	3874	3879	60
	h m 19 0	h m 18 55	h m 18 50	h m 18 45	h m 18 40	h m 18 35	h m 18 30	h m 18 25	h m 18 20	h m 18 15	h m 18 10	h m 18 5	h m 18 0	

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TABLA III.

a	A	log B	log C	A′	log B′	a
h m	s			″		h m
0 0	+0.00190	8.4752	—	−0.0086	—	12 0
1	195	752	6.055	105	n 4.570	1
2	201	751	356	125	5.172	2
3	207	751	532	145	524	3
4	212	750	657	164	774	4
5	218	749	754	184	967	5
6	+0.00224	8.4748	6.833	−0.0203	n 6.126	6
7	229	747	900	223	260	7
8	235	747	6.957	242	376	8
9	241	746	7.009	262	478	9
10	246	745	054	282	569	10
11	+0.00252	8.4744	7.095	−0.0301	n 6.652	11
12	258	742	133	320	728	12
13	263	741	168	340	797	13
14	269	739	200	359	861	14
15	275	738	230	379	922	15
16	+0.00280	8.4736	7.257	−0.0398	n 6.977	16
17	286	734	284	418	7.030	17
18	291	732	308	437	079	18
19	297	730	331	456	126	19
20	303	728	354	476	171	20
21	+0.00308	8.4726	7.375	−0.0495	n 7.213	21
22	314	724	394	515	253	22
23	319	722	414	534	292	23
24	325	719	432	554	328	24
25	330	717	449	573	364	25
26	+0.00336	8.4714	7.466	−0.0592	n 7.398	26
27	341	712	482	612	430	27
28	347	709	498	631	462	28
29	352	706	512	650	492	29
30	358	704	527	670	521	30
31	+0.00363	8.4702	7.541	−0.0689	n 7.550	31
32	369	698	554	708	577	32
33	374	695	567	728	604	33
34	380	692	580	747	629	34
35	385	689	592	766	654	35
36	+0.00391	8.4685	7.604	−0.0785	n 7.679	36
37	396	682	615	805	702	37
38	401	678	627	824	725	38
39	407	675	637	843	748	39
40	412	671	648	862	769	40
41	+0.00417	8.4667	7.658	−0.0881	n 7.791	41
42	423	663	668	900	811	42
43	428	659	678	920	831	43
44	433	655	687	939	851	44
45	438	651	697	958	870	45
46	+0.00444	8.4647	7.706	−0.0978	n 7.889	46
47	449	643	715	997	908	47
48	454	638	723	1016	926	48
49	459	634	732	035	943	49
50	464	629	740	054	961	50
51	+0.00470	8.4624	7.748	−0.1073	n 7.978	51
52	475	621	756	092	n 7.994	52
53	480	616	763	111	n 8.010	53
54	485	611	771	130	026	54
55	490	606	778	149	042	55
56	+0.00495	8.4601	7.785	−0.1167	n 8.057	56
57	500	595	793	186	072	57
58	505	590	799	205	087	58
0 59	510	585	806	224	102	12 59
1 0	515	579	813	243	116	13 0

a	A	log B	log C	A′	log B′	a
h m	s			″		h m
1 0	+0.00515	8.4579	7.8128	−0.1243	n 8.116	13 0
1	520	574	193	261	130	1
2	525	568	257	280	144	2
3	529	562	320	299	157	3
4	534	557	381	318	171	4
5	539	551	441	336	184	5
6	+0.00544	8.4545	7.8500	−0.1355	n 8.197	6
7	548	538	558	373	209	7
8	553	532	614	392	222	8
9	558	526	670	411	234	9
10	563	520	725	429	246	10
11	+0.00567	8.4513	7.8778	−0.1448	n 8.258	11
12	572	508	831	466	270	12
13	576	501	883	485	282	13
14	581	494	933	503	293	14
15	585	487	983	521	304	15
16	+0.00590	8.4480	7.9032	−0.1540	n 8.315	16
17	594	473	080	558	326	17
18	599	466	127	576	337	18
19	603	459	174	595	348	19
20	608	452	219	613	358	20
21	+0.00612	8.4444	7.9264	−0.1631	n 8.368	21
22	616	437	308	649	379	22
23	620	429	351	667	389	23
24	625	421	394	685	399	24
25	629	414	436	703	408	25
26	+0.00633	8.4406	7.9477	−0.1722	n 8.418	26
27	637	398	517	740	428	27
28	641	390	556	758	437	28
29	645	382	595	775	446	29
30	649	374	634	793	456	30
31	+0.00653	8.4366	7.9671	−0.1811	n 8.465	31
32	657	357	708	829	474	32
33	661	349	744	847	483	33
34	665	340	780	865	491	34
35	669	331	815	882	500	35
36	+0.00673	8.4322	7.9849	−0.1900	n 8.509	36
37	677	313	883	918	517	37
38	680	304	916	935	525	38
39	684	295	949	953	534	39
40	688	286	981	970	542	40
41	+0.00691	8.4276	8.0013	−0.1989	n 8.550	41
42	695	267	044	2006	558	42
43	698	257	074	024	566	43
44	702	249	104	041	574	44
45	705	239	133	059	581	45
46	+0.00709	8.4229	8.0162	−0.2076	n 8.589	46
47	712	219	190	093	597	47
48	716	209	218	111	604	48
49	719	199	246	128	611	49
50	723	188	272	145	619	50
51	+0.00725	8.4178	8.0299	−0.2162	n 8.626	51
52	729	167	324	179	633	52
53	732	157	350	196	640	53
54	735	146	375	213	647	54
55	738	135	399	230	654	55
56	+0.00741	8.4124	8.0423	−0.2247	n 8.661	56
57	744	113	446	264	668	57
58	747	102	469	281	675	58
1 59	750	091	492	297	681	13 59
2 0	753	080	514	314	688	14 0

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TABLE III.

a	A	log B	log C	A′	log B′	a
h m	s			″		h m
2 0	+0.00753	8.4080	8.0514	−0.2314	n8.6879	14 0
1	755	068	536	331	6944	1
2	758	057	557	347	7009	2
3	761	045	578	364	073	3
4	764	033	598	381	136	4
5	766	021	618	397	199	5
6	+0.00769	8.4009	8.0638	−0.2414	n8.7261	6
7	771	3997	657	430	323	7
8	774	984	675	446	384	8
9	776	972	694	463	444	9
10	779	959	712	479	504	10
11	+0.00781	8.3946	8.0729	−0.2495	n8.7563	11
12	783	934	746	511	622	12
13	786	921	763	528	680	13
14	788	909	779	544	737	14
15	790	895	795	560	794	15
16	+0.00792	8.3882	8.0810	−0.2576	n8.7851	16
17	794	869	825	592	907	17
18	796	855	840	607	7962	18
19	798	841	855	623	8017	19
20	800	827	869	639	071	20
21	+0.00802	8.3813	8.0882	−0.2656	n8.8125	21
22	804	799	895	672	179	22
23	806	785	908	687	232	23
24	808	771	921	703	284	24
25	810	756	933	718	336	25
26	+0.00811	8.3742	8.0945	−0.2734	n8.8387	26
27	813	727	956	749	438	27
28	814	713	967	765	489	28
29	816	698	978	780	539	29
30	818	683	988	795	589	30
31	+0.00819	8.3668	8.0998	−0.2810	n8.8638	31
32	820	652	1008	826	686	32
33	822	637	017	841	735	33
34	823	621	026	856	783	34
35	824	605	035	871	830	35
36	+0.00825	8.3589	8.1043	−0.2886	n8.8877	36
37	827	573	051	901	924	37
38	828	557	058	915	8970	38
39	829	541	065	930	9016	39
40	830	524	072	945	061	40
41	+0.00831	8.3508	8.1079	−0.2960	n8.9106	41
42	832	492	085	974	150	42
43	833	475	091	2989	195	43
44	833	457	096	3003	238	44
45	834	440	101	018	282	45
46	+0.00835	8.3423	8.1106	−0.3033	n8.9325	46
47	835	405	111	047	368	47
48	836	387	115	062	410	48
49	837	369	119	076	452	49
50	837	351	122	090	493	50
51	+0.00838	8.3333	8.1125	−0.3104	n8.9534	51
52	838	315	128	118	575	52
53	838	296	131	132	616	53
54	839	279	133	146	656	54
55	839	260	135	160	696	55
56	+0.00839	8.3241	8.1136	−0.3174	n8.9735	56
57	839	222	137	187	774	57
58	840	202	138	201	813	58
2 59	840	183	139	215	851	14 59
3 0	840	163	139	228	889	15 0

a	A	log B	log C	A′	log B′	a
h m	s			″		h m
3 0	+0.00840	8.3163	8.1139	−0.3228	n8.9889	15 0
1	840	143	139	242	927	1
2	840	123	138	255	8.9964	2
3	839	103	137	268	n9.0002	3
4	839	082	136	282	038	4
5	839	063	135	295	075	5
6	+0.00839	8.3042	8.1133	−0.3308	n9.0111	6
7	838	021	131	321	147	7
8	838	3000	128	334	182	8
9	838	2979	125	347	217	9
10	837	957	122	360	252	10
11	+0.00837	8.2935	8.1119	−0.3374	n9.0287	11
12	836	914	115	387	321	12
13	835	891	111	400	355	13
14	835	869	106	412	389	14
15	834	847	101	425	422	15
16	+0.00833	8.2825	8.1096	−0.3437	n9.0455	16
17	833	802	091	450	488	17
18	832	779	085	462	521	18
19	831	756	079	475	553	19
20	830	732	072	487	585	20
21	+0.00829	8.2709	8.1065	−0.3499	n9.0616	21
22	828	685	058	512	648	22
23	827	660	051	523	679	23
24	825	636	043	535	710	24
25	824	613	035	547	740	25
26	+0.00823	8.2588	8.1026	−0.3560	n9.0770	26
27	822	562	017	572	801	27
28	820	537	1008	584	830	28
29	819	512	0998	595	860	29
30	818	486	988	607	889	30
31	+0.00816	8.2460	8.0978	−0.3618	n9.0918	31
32	814	434	967	630	947	32
33	813	409	956	641	0975	33
34	811	382	945	653	1003	34
35	810	355	933	664	031	35
36	+0.00808	8.2328	8.0921	−0.3675	n9.1059	36
37	806	300	0908	686	086	37
38	804	273	895	697	113	38
39	802	245	882	708	140	39
40	800	218	869	719	167	40
41	+0.00798	8.2189	8.0855	−0.3731	n9.1193	41
42	796	160	840	742	219	42
43	794	131	825	752	245	43
44	792	102	810	763	271	44
45	790	072	795	773	297	45
46	+0.00788	8.2043	8.0779	−0.3784	n9.1322	46
47	786	2013	763	794	347	47
48	783	1983	746	805	371	48
49	781	952	729	815	396	49
50	779	921	711	825	420	50
51	+0.00776	8.1890	8.0694	−0.3835	n9.1444	51
52	774	859	675	845	468	52
53	771	827	657	855	492	53
54	769	795	638	865	515	54
55	766	762	618	875	538	55
56	+0.00764	8.1729	8.0598	−0.3885	n9.1561	56
57	761	697	578	894	584	57
58	758	663	557	904	606	58
3 59	755	629	536	913	628	15 59
4 0	753	595	514	923	650	16 0

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TABLA III.

a	A	log B	log C	A′	log B′	a
h m	s			″		h m
4 0	+0.00753	8.1595	8.0514	−0.3923	n9.1650	16 0
1	750	560	492	932	672	1
2	747	526	469	941	694	2
3	744	491	446	952	715	3
4	741	455	423	961	736	4
5	738	419	399	970	757	5
6	+0.00735	8.1383	8.0375	−0.3979	n9.1778	6
7	732	346	350	988	798	7
8	729	309	324	3997	818	8
9	725	271	299	4005	838	9
10	723	233	272	014	858	10
11	+0.00719	8.1195	8.0246	−0.4023	n9.1878	11
12	716	156	218	031	897	12
13	712	116	190	040	916	13
14	709	075	162	048	935	14
15	705	036	133	056	954	15
16	+0.00702	8.0996	8.0104	−0.4065	n9.1973	16
17	698	955	074	073	1991	17
18	695	913	044	081	2009	18
19	691	872	8.0013	089	027	19
20	688	829	7.9981	097	045	20
21	+0.00684	8.0787	7.9949	−0.4105	n9.2063	21
22	680	743	916	112	080	22
23	677	699	883	121	097	23
24	673	655	849	129	114	24
25	669	609	815	136	131	25
26	+0.00665	8.0563	7.9780	−0.4144	n9.2148	26
27	661	517	744	151	164	27
28	657	470	708	158	180	28
29	653	423	671	165	196	29
30	649	374	634	173	212	30
31	+0.00645	8.0326	7.9595	−0.4180	n9.2228	31
32	641	277	556	187	243	32
33	637	227	517	193	258	33
34	633	176	477	200	273	34
35	629	125	436	207	288	35
36	+0.00625	8.0073	7.9394	−0.4214	n9.2303	36
37	620	8.0020	351	220	317	37
38	616	7.9967	308	227	331	38
39	612	913	264	233	345	39
40	608	857	219	239	359	40
41	+0.00603	7.9802	7.9174	−0.4246	n9.2373	41
42	599	745	127	252	387	42
43	594	688	080	258	400	43
44	590	629	9032	264	413	44
45	585	571	8983	270	426	45
46	+0.00581	7.9510	7.8933	−0.4277	n9.2439	46
47	576	450	883	282	451	47
48	572	388	831	288	464	48
49	567	325	778	294	476	49
50	563	261	725	299	488	50
51	+0.00558	7.9197	7.8670	−0.4305	n9.2500	51
52	553	130	614	310	512	52
53	548	9064	558	315	523	53
54	544	8995	500	320	534	54
55	539	926	441	326	545	55
56	+0.00534	7.8854	7.8381	−0.4331	n9.2556	56
57	529	783	320	335	567	57
58	525	710	257	340	578	58
4 59	520	636	193	345	588	16 59
5 0	515	555	130	350	598	17 0

a	A	log B	log C	A′	log B′	a
h m	s			″		h m
5 0	+0.00515	7.856	7.813	−0.4350	n 9.2598	17 0
1	510	849	806	354	609	1
2	505	841	799	359	618	2
3	500	833	793	363	628	3
4	495	824	785	368	638	4
5	490	816	778	372	647	5
6	+0.00485	7.807	7.771	−0.4377	n 9.2656	6
7	480	798	763	381	665	7
8	475	790	756	385	674	8
9	470	781	748	389	683	9
10	464	772	740	393	691	10
11	+0.00459	7.762	7.732	−0.4397	n 9.2700	11
12	454	752	723	401	708	12
13	449	742	715	404	716	13
14	444	732	706	408	723	14
15	438	722	697	411	731	15
16	+0.00433	7.711	7.687	−0.4415	n 9.2739	16
17	428	700	678	418	746	17
18	423	689	668	421	753	18
19	417	677	658	424	760	19
20	412	666	648	427	767	20
21	+0.00407	7.653	7.637	−0.4430	n 9.2773	21
22	401	640	627	433	780	22
23	396	627	615	436	786	23
24	391	613	604	439	792	24
25	385	600	592	442	798	25
26	+0.00380	7.586	7.580	−0.4444	n 9.2804	26
27	374	571	567	447	809	27
28	369	555	554	449	815	28
29	363	540	541	451	820	29
30	358	523	527	454	825	30
31	+0.00352	7.505	7.512	−0.4456	n 9.2830	31
32	347	488	498	458	835	32
33	341	468	482	460	839	33
34	336	449	466	461	844	34
35	330	428	449	463	848	35
36	+0.00325	7.407	7.432	−0.4465	n 9.2852	36
37	319	385	414	466	856	37
38	314	361	394	468	860	38
39	308	335	375	470	863	39
40	303	308	354	472	866	40
41	+0.00297	7.279	7.331	−0.4473	n 9.2870	41
42	291	248	308	474	873	42
43	286	215	284	475	876	43
44	280	180	257	476	878	44
45	275	140	230	477	881	45
46	+0.00269	7.098	7.200	−0.4478	n 9.2883	46
47	263	7.050	168	479	886	47
48	258	6.996	133	479	888	48
49	252	936	095	480	890	49
50	246	864	054	480	891	50
51	+0.00241	6.778	7.009	−0.4481	n 9.2893	51
52	235	672	6.957	481	894	52
53	229	530	900	481	896	53
54	224	6.319	833	481	897	54
55	218	5.894	754	481	898	55
56	+0.00212	n 5.715	6.657	−0.4481	n 9.2898	56
57	207	6.261	532	481	899	57
58	201	495	356	481	899	58
5 59	195	646	055	481	900	17 59
6 0	190	n 6.758	—	480	900	18 0

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TABLE III.

a	A	log B	log C	A′	log B′	a	a	A	log B	log C	A′	log B′	a
h m	s			″		h m	h m	s			″		h m
6 0	+0.00190	n 6.758	—	−0.4480	n 9.2900	18 0	7 0	−0.00135	n 7.9184	n 7.8128	−0.4306	n 9.2598	19 0
1	184	847	n 6.055	480	900	1	1	140	248	193	300	588	1
2	178	921	356	479	899	2	2	145	313	257	295	578	2
3	173	n 6.984	532	479	899	3	3	150	376	320	289	567	3
4	167	n 7.039	657	478	898	4	4	155	439	381	283	556	4
5	161	088	754	477	898	5	5	159	499	441	277	545	5
6	+0.00156	n 7.132	n 6.833	−0.4476	n 9.2897	6	6	−0.00164	n 7.9560	n 7.8500	−0.4271	n 9.2534	6
7	150	172	900	475	896	7	7	169	619	558	265	523	7
8	144	208	6.957	474	894	8	8	174	677	614	259	512	8
9	139	242	n 7.009	473	893	9	9	178	735	670	253	500	9
10	133	273	054	472	891	10	10	183	791	725	247	488	10
11	+0.00127	n 7.302	n 7.095	−0.4470	n 9.2890	11	11	−0.00188	n 7.9847	n 7.8778	−0.4241	n 9.2476	11
12	122	329	133	469	888	12	12	192	901	831	234	464	12
13	116	355	168	468	886	13	13	197	7.9956	883	228	451	13
14	111	380	200	466	883	14	14	201	n 8.0009	933	221	439	14
15	105	403	230	464	881	15	15	206	062	983	215	426	15
16	+0.00099	n 7.425	n 7.257	−0.4463	n 9.2878	16	16	−0.00210	n 8.0115	n 7.9032	−0.4209	n 9.2413	16
17	94	445	284	462	876	17	17	215	166	080	202	400	17
18	88	464	308	460	873	18	18	219	216	127	195	387	18
19	82	483	331	458	870	19	19	224	267	174	188	373	19
20	77	501	354	456	866	20	20	228	316	219	181	359	20
21	+0.00071	n 7.519	n 7.375	−0.4454	n 9.2863	21	21	−0.00232	n 8.0364	n 7.9264	−0.4174	n 9.2345	21
22	66	536	394	451	860	22	22	237	413	308	167	331	22
23	60	552	414	449	856	23	23	241	460	351	159	317	23
24	55	568	432	447	852	24	24	245	507	394	152	303	24
25	49	582	449	444	848	25	25	249	554	436	145	288	25
26	+0.00044	n 7.596	n 7.466	−0.4441	n 9.2844	26	26	−0.00253	n 8.0599	n 7.9477	−0.4137	n 9.2273	26
27	38	610	482	439	839	27	27	258	644	517	130	258	27
28	33	624	498	436	835	28	28	262	690	556	122	243	28
29	27	637	512	433	830	29	29	266	734	595	114	228	29
30	22	650	527	430	825	30	30	270	777	634	106	212	30
31	+0.00016	n 7.662	n 7.541	−0.4427	n 9.2820	31	31	−0.00274	n 8.0821	n 7.9671	−0.4098	n 9.2196	31
32	11	674	554	424	815	32	32	278	863	708	090	180	32
33	+0.00005	686	567	421	809	33	33	282	905	744	082	164	33
34	00	698	580	418	804	34	34	286	946	780	074	148	34
35	−0.00006	708	592	414	798	35	35	289	988	815	066	131	35
36	−0.00011	n 7.719	n 7.604	−0.4412	n 9.2792	36	36	−0.00293	n 8.1029	n 7.9849	−0.4058	n 9.2114	36
37	16	729	615	408	786	37	37	297	069	883	049	097	37
38	22	740	627	405	780	38	38	301	108	916	041	080	38
39	27	750	637	401	773	39	39	304	147	949	032	063	39
40	33	760	648	397	767	40	40	308	187	981	024	045	40
41	−0.00038	n 7.769	n 7.658	−0.4394	n 9.2760	41	41	−0.00312	n 8.1225	n 8.0013	−0.4015	n 9.2027	41
42	43	779	668	390	753	42	42	315	263	044	4006	2009	42
43	48	788	678	386	746	43	43	319	300	074	3997	1991	43
44	54	797	687	381	739	44	44	322	338	104	989	973	44
45	59	806	697	377	731	45	45	326	375	133	980	954	45
46	−0.00064	n 7.815	n 7.706	−0.4373	n 9.2723	46	46	−0.00330	n 8.1410	n 8.0162	−0.3971	n 9.1935	46
47	69	823	715	369	716	47	47	333	447	190	962	916	47
48	75	831	723	364	708	48	48	336	483	218	953	897	48
49	80	839	732	360	700	49	49	339	519	246	944	878	49
50	85	847	740	355	691	50	50	343	553	272	934	858	50
51	−0.00090	n 7.855	n 7.748	−0.4350	n 9.2683	51	51	−0.00346	n 8.1588	n 8.0299	−0.3925	n 9.1838	51
52	095	862	756	346	674	52	52	349	623	324	916	818	52
53	100	869	763	341	665	53	53	352	656	350	906	798	53
54	105	877	771	336	656	54	54	355	690	375	896	778	54
55	110	884	778	332	647	55	55	358	723	399	887	757	55
56	−0.00115	n 7.891	n 7.785	−0.4327	n 9.2638	56	56	−0.00361	n 8.1755	n 8.0423	−0.3877	n 9.1736	56
57	120	898	793	322	628	57	57	364	789	446	867	715	57
58	125	905	799	316	618	58	58	367	821	469	857	694	58
6 59	130	911	806	311	609	18 59	7 59	370	852	492	847	672	19 59
7 0	135	918	813	306	598	19 0	8 0	373	884	514	837	650	20 0

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TABLA III.

a	A	log B	log C	A′	log B′	a
h m	s			″		h m
8 0	−0.00373	n 8.1884	n 8.0514	−0.3837	n 9.1650	20 0
1	376	916	536	827	628	1
2	379	947	557	816	606	2
3	381	1977	578	806	584	3
4	384	2007	598	796	561	4
5	387	037	618	785	538	5
6	−0.00389	n 8.2067	n 8.0638	−0.3775	n 9.1515	6
7	392	096	657	764	492	7
8	394	125	675	753	468	8
9	397	155	694	743	444	9
10	399	184	711	732	420	10
11	−0.00402	n 8.2212	n 8.0729	−0.3722	n 9.1396	11
12	404	240	746	711	371	12
13	406	268	763	700	347	13
14	408	295	779	689	322	14
15	411	322	795	678	297	15
16	−0.00413	n 8.2350	n 8.0810	−0.3666	n 9.1271	16
17	415	377	825	655	245	17
18	417	403	840	644	219	18
19	419	429	855	632	193	19
20	421	455	869	621	167	20
21	−0.00423	n 8.2481	n 8.0882	−0.3609	n 9.1140	21
22	425	507	895	597	113	22
23	427	533	908	586	086	23
24	428	558	921	574	059	24
25	430	583	933	562	031	25
26	−0.00432	n 8.2607	n 8.0945	−0.3550	n 9.1003	26
27	433	632	956	538	0975	27
28	435	656	967	526	947	28
29	436	680	978	514	918	29
30	438	704	988	502	889	30
31	−0.00439	n 8.2728	n 8.0998	−0.3490	n 9.0860	31
32	441	751	1008	477	830	32
33	442	774	017	465	801	33
34	443	797	026	452	770	34
35	445	820	035	440	740	35
36	−0.00446	n 8.2843	n 8.1043	−0.3427	n 9.0710	36
37	447	865	051	415	679	37
38	448	887	058	402	648	38
39	449	909	065	389	616	39
40	450	932	072	376	585	40
41	−0.00451	n 8.2953	n 8.1079	−0.3364	n 9.0553	41
42	452	974	085	351	521	42
43	453	2996	091	338	488	43
44	454	3017	096	325	455	44
45	454	037	101	312	422	45
46	−0.00455	n 8.3058	n 8.1106	−0.3299	n 9.0389	46
47	456	078	111	285	355	47
48	457	099	115	272	321	48
49	457	120	119	259	287	49
50	458	140	122	245	252	50
51	−0.00458	n 8.3159	n 8.1125	−0.3232	n 9.0217	51
52	459	179	128	218	182	52
53	459	198	131	204	147	53
54	459	217	133	191	111	54
55	460	236	135	177	075	55
56	−0.00460	n 8.3255	n 8.1136	−0.3163	n 9.0038	56
57	460	274	137	149	9.0002	57
58	460	293	138	135	n 8.9964	58
8 59	460	312	139	121	927	20 59
9 0	460	330	139	107	889	21 0

a	A	log B	log C	A′	log B′	a
h m	s			″		h m
9 0	−0.00460	n 8.3330	n 8.1139	−0.3107	n 8.9889	21 0
1	460	348	139	093	851	1
2	460	366	138	079	813	2
3	460	384	137	064	774	3
4	460	401	136	050	735	4
5	460	419	135	036	696	5
6	−0.00459	n 8.3436	n 8.1133	−0.3021	n 8.9656	6
7	459	453	131	3007	616	7
8	459	470	128	2992	575	8
9	458	487	125	978	534	9
10	458	505	122	963	493	10
11	−0.00457	n 8.3521	n 8.1119	−0.2948	n 8.9452	11
12	457	538	115	933	410	12
13	456	554	111	919	368	13
14	455	570	106	904	325	14
15	454	586	101	889	282	15
16	−0.00454	n 8.3602	n 8.1096	−0.2875	n 8.9238	16
17	453	618	091	860	195	17
18	452	633	085	845	150	18
19	451	649	079	829	106	19
20	450	664	072	814	061	20
21	−0.00449	n 8.3679	n 8.1065	−0.2799	n 8.9016	21
22	448	695	058	784	8970	22
23	447	710	051	768	924	23
24	446	725	043	753	877	24
25	445	739	035	737	830	25
26	−0.00443	n 8.3754	n 8.1026	−0.2722	n 8.8783	26
27	442	768	017	706	735	27
28	441	782	1008	691	686	28
29	439	796	0998	675	638	29
30	438	810	988	659	589	30
31	−0.00436	n 8.3824	n 8.0978	−0.2643	n 8.8539	31
32	435	838	967	628	489	32
33	433	852	956	612	438	33
34	432	865	945	596	387	34
35	430	878	933	580	336	35
36	−0.00428	n 8.3892	n 8.0921	−0.2564	n 8.8284	36
37	427	905	908	548	232	37
38	425	919	895	532	179	38
39	423	931	882	515	125	39
40	421	944	869	499	071	40
41	−0.00419	n 8.3957	n 8.0855	−0.2483	n 8.8017	41
42	417	969	840	467	7962	42
43	415	982	825	450	907	43
44	413	3994	810	434	851	44
45	411	4006	795	417	794	45
46	−0.00408	n 8.4018	n 8.0779	−0.2401	n 8.7737	46
47	406	030	763	384	680	47
48	404	042	746	368	622	48
49	402	053	729	351	563	49
50	399	065	711	334	504	50
51	−0.00397	n 8.4076	n 8.0694	−0.2319	n 8.7444	51
52	394	089	675	302	384	52
53	392	100	657	285	323	53
54	389	111	638	268	261	54
55	387	122	618	251	199	55
56	−0.00384	n 8.4133	n 8.0598	−0.2234	n 8.7136	56
57	381	144	578	217	073	57
58	379	154	557	200	7009	58
9 59	376	165	536	183	6944	21 59
10 0	373	175	514	166	6880	22 0

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TABLE III.

a	A	log B	log C	A′	log B′	a
h m	s			″		h m
10 0	−0.00373	n 8.4175	n 8.0514	−0.2166	n 8.688	22 0
1	370	186	492	149	681	1
2	367	196	469	132	675	2
3	364	206	446	115	668	3
4	361	216	423	097	661	4
5	358	226	399	080	654	5
6	−0.00355	n 8.4236	n 8.0375	−0.2063	n 8.647	6
7	352	246	350	045	640	7
8	349	255	324	028	633	8
9	346	266	299	2010	626	9
10	343	275	272	1993	619	10
11	−0.00339	n 8.4284	n 8.0246	−0.1975	n 8.611	11
12	336	294	218	958	604	12
13	333	303	190	940	597	13
14	330	312	162	922	589	14
15	326	321	133	905	581	15
16	−0.00322	n 8.4330	n 8.0104	−0.1887	n 8.574	16
17	319	338	074	869	566	17
18	315	347	044	851	558	18
19	311	355	n 8.0013	834	550	19
20	308	364	n 7.9981	816	542	20
21	−0.00304	n 8.4372	n 7.9949	−0.1798	n 8.534	21
22	301	380	916	780	525	22
23	297	388	883	762	517	23
24	293	396	849	744	509	24
25	289	404	815	726	500	25
26	−0.00286	n 8.4412	n 7.9780	−0.1708	n 8.491	26
27	282	421	744	691	483	27
28	278	428	708	672	474	28
29	274	436	671	654	465	29
30	270	443	634	636	456	30
31	−0.00266	n 8.4450	n 7.9595	−0.1618	n 8.446	31
32	262	458	556	599	437	32
33	258	465	517	581	428	33
34	253	472	477	563	418	34
35	249	479	436	545	409	35
36	−0.00245	n 8.4486	n 7.9394	−0.1526	n 8.399	36
37	241	492	351	508	389	37
38	237	499	308	489	379	38
39	232	506	264	471	368	39
40	228	512	219	452	358	40
41	−0.00224	n 8.4519	n 7.9174	−0.1434	n 8.348	41
42	219	525	127	415	337	42
43	215	531	080	397	326	43
44	210	537	9032	378	315	44
45	206	543	8983	360	304	45
46	−0.00201	n 8.4550	n 7.8933	−0.1341	n 8.293	46
47	197	556	883	322	282	47
48	192	562	831	304	270	48
49	188	567	778	285	258	49
50	183	573	725	266	246	50
51	−0.00178	n 8.4578	n 7.8670	−0.1247	n 8.234	51
52	174	584	614	229	222	52
53	169	589	558	210	209	53
54	164	594	500	191	197	54
55	159	599	441	172	184	55
56	−0.00155	n 8.4604	n 7.8381	−0.1153	n 8.171	56
57	150	609	320	134	157	57
58	145	614	257	115	144	58
10 59	140	619	193	096	130	22 59
11 0	135	624	130	077	116	23 0

a	A	log B	log C	A′	log B′	a
h m	s			″		h m
11 0	−0.00135	n 8.4624	n 7.813	−0.1077	n 8.116	23 0
1	130	628	806	058	102	1
2	125	633	799	039	087	2
3	120	637	793	020	072	3
4	115	642	785	1001	057	4
5	110	647	778	0982	042	5
6	−0.00105	n 8.4651	n 7.771	−0.0963	n 8.026	6
7	100	655	763	944	8.010	7
8	095	659	756	925	n 7.994	8
9	090	663	748	906	978	9
10	085	667	740	887	961	10
11	−0.00080	n 8.4671	n 7.732	−0.0867	n 7.943	11
12	075	674	723	848	926	12
13	069	678	715	829	908	13
14	064	681	706	810	889	14
15	059	685	697	790	870	15
16	−0.00054	n 8.4688	n 7.687	−0.0771	n 7.851	16
17	048	691	678	752	831	17
18	043	694	668	733	811	18
19	038	697	658	713	791	19
20	033	700	648	694	769	20
21	−0.00027	n 8.4703	n 7.637	−0.0675	n 7.748	21
22	022	706	627	655	725	22
23	016	709	615	636	702	23
24	011	711	604	617	679	24
25	−0.00006	714	592	597	654	25
26	0.00000	n 8.4717	n 7.580	−0.0578	n 7.629	26
27	+0.00005	720	567	559	604	27
28	011	722	554	539	577	28
29	016	724	541	520	550	29
30	022	726	527	500	521	30
31	+0.00027	n 8.4728	n 7.512	−0.0481	n 7.492	31
32	033	730	498	461	462	32
33	038	732	482	442	430	33
34	044	734	466	423	398	34
35	049	736	449	403	364	35
36	+0.00055	n 8.4737	n 7.432	−0.0384	n 7.328	36
37	060	739	414	364	292	37
38	066	740	394	345	253	38
39	071	742	375	325	213	39
40	077	743	354	306	171	40
41	+0.00082	n 8.4744	n 7.331	−0.0286	n 7.126	41
42	088	745	308	267	079	42
43	094	746	284	247	7.030	43
44	099	747	257	228	n 6.977	44
45	105	748	230	208	922	45
46	+0.00111	n 8.4749	n 7.200	−0.0188	n 6.861	46
47	116	751	168	168	797	47
48	122	752	133	148	728	48
49	127	752	095	129	652	49
50	133	752	054	109	569	50
51	+0.00139	n 8.4753	n 7.009	−0.0090	n 6.478	51
52	144	753	n 6.957	070	376	52
53	150	753	900	051	260	53
54	156	753	833	031	n 6.126	54
55	161	753	754	−0.0012	n 5.967	55
56	+0.00167	n 8.4753	n 6.657	+0.0008	n 5.774	56
57	173	753	532	027	524	57
58	178	753	356	047	n 5.172	58
11 59	184	753	055	066	n 4.570	23 59
12 0	190	753	—	086	—	24 0

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TABLA IV.

α	P_0	$\log P_1$	$\log P_2$	$\log P_3$	Q_0	$\log Q_1$	$\log Q_2$	α
h m	s				″			h m
0 0	+0.0097	n 6.0808	8.1620	—	−0.1668	—	—	12 0
10	96	1679 871	1596 24	6.4393	1667 1	n 7.9769	n 6.2557	10
20	95	2550 871	1539 57	7364	1663 4	8.2760	6.8557	20
30	94	3516 966	1447 92	6.9063	1657 6	4489	7.2044	30
40	92	4585 1069	1319 128	7.0224	1649 8	5696	4494	40
50	89	5725 1140	1153 166	1079 855	1639 10	6611 915	6370	50
1 0	+0.0086	n 6.6889 1164	8.0946 207	7.1729 650	−0.1627 12	n 8.7338 727	n 7.7877	13 0
10	83	8037 1148	0694 252	2230 501	1613 14	7930 592	7.9124	10
20	79	6.9189 1152	0392 302	2613 383	1596 17	8420 490	8.0178	20
30	75	7.0194 1005	8.0030 362	2891 278	1577 19	8833 413	1080 902	30
40	70	1182 988	7.9600 430	3086 195	1556 21	9174 341	1859 779	40
50	65	2106 924	9083 517	3197 111	1531 25	8.9460 286	2535 676	50
2 0	+0.0059	n 7.2966 860	7.8462 621	7.3235 38	−0.1504 27	n 8.9697 237	n 8.3122 587	14 0
10	54	3765 799	7695 767	3197 38	1474 30	8.9890 193	3632 510	10
20	48	4506 741	6725 970	3086 111	1441 33	9.0041 151	4073 441	20
30	42	5194 688	5426	2891 195	1405 36	0155 114	4451 378	30
40	35	5831 637	3514	2613 278	1366 39	0233 78	4771 320	40
50	29	6420 589	6.9948	2230 383	1324 42	0276 43	5037 266	50
3 0	+0.0023	n 7.6965 545	n 6.4472	7.1729 501	−0.1279 45	n 9.0286 10	n 8.5252 215	15 0
10	16	7468 508	7.1886	1079 650	1230 49	0262 24	5417 165	10
20	10	7932 464	4468	7.0224 855	1178 52	0203 59	5533 116	20
30	+0.0004	8359 427	6051	6.9063	1122 56	9.0109 94	5601 68	30
40	−0.0002	8751 392	7183	7364	1064 58	8.9979 130	5621 20	40
50	08	9109 358	8055 872	6.4393	1002 62	8.9810 169	5590 31	50
4 0	−0.0013	n 7.9435 326	n 7.8752 697	—	−0.0937 65	n 8.9598 212	n 8.5508 82	16 0
10	19	9731 296	9323 571	n 6.4393	0869 68	9340 258	5370 138	10
20	24	7.9998 267	7.9799 476	7364	0798 71	9030 310	5172 198	20
30	28	8.0236 238	8.0198 399	6.9063	0725 73	8658 372	4908 264	30
40	32	0447 211	0532 334	7.0224	0649 76	8215 443	4568 340	40
50	36	0631 184	0811 279	1079 855	0571 78	7683 532	4137 431	50
5 0	−0.0039	n 8.0789 158	n 8.1043 232	n 7.1729 650	−0.0491 80	n 8.7036 647	n 8.3596 541	17 0
10	42	0921 132	1231 188	2230 501	0409 82	6235 801	2912 684	10
20	44	1029 108	1380 149	2613 383	0325 84	5208	2031 881	20
30	46	1112 83	1492 112	2891 278	0240 85	3814	8.0850	30
40	48	1171 59	1568 76	3086 195	0155 85	8.1687	7.9136	40
50	48	1205 34	1610 42	3197 111	−0.0068 87	n 7.7246	7.6156	50
6 0	−0.0048	n 8.1215 10	n 8.1620 10	n 7.3235 38	+0.0018 86	7.6227	—	18 0

Para las ascensiones rectas superiores á 12^h, el argumento está colocado en la columna de la derecha, y los signos de P_1, P_3, Q_0, Q_2 deben invertirse.

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TABLE IV.

α	P_0	log P_1	log P_2	log P_3	Q_0	log Q_1	log Q_2	α
h m	s				″			h m
6 0	−0.0048	n 8.1215	n 8.1620	n 7.3235	+0.0018	7.6227	—	18 0
		13	34	38	87			
10	48	1202	1596	3197	0105	8.1360	7.6156	10
		38	57	111	86			
20	47	1164	1539	3086	0191	3631	7.9136	20
		63	92	195	85			
30	46	1101	1447	2891	0276	5093	8.0850	30
		86	128	278	85			
40	44	1015	1319	2613	0361	6161	2031	40
		112	166	383	83			
50	41	0903	1153	2230	0444	6992	2912	50
		137	207	501	83	831	881	
7 0	−0.0038	n 8.0766	n 8.0946	n 7.1729	0.0526	8.7661	8.3596	19 0
		162	252	650	79	669	684	
10	34	0604	0694	1079	0605	8214	4137	10
		190	302	855	78	553	541	
20	31	0414	0392	7.0224	0683	8675	4568	20
		212	363		75	461	481	
30	26	8.0202	8.0030	6.9063	0758	9063	4908	30
		249	430		73	388	340	
40	21	7.9953	7.9600	7364	0831	9389	5172	40
		273	517		70	326	264	
50	16	9680	9083	n 6.4393	0901	9662	5370	50
		305	621		67	273	198	
8 0	−0.0011	n 7.9375	n 7.8462	—	0.0968	8.9888	8.5508	20 0
		336	767	6.4393	64	226	138	
10	−0.0005	9039	7695	7364	1032	9.0072	5590	10
		370	970		61	184	82	
20	+0.0001	8669	6725	6.9063	1093	0218	5621	20
		404			58	146	31	
30	07	8265	5426	7.0224	1151	0327	5601	30
		443			54	109	20	
40	13	7822	7.3514	1079	1205	0402	5533	40
		483		855	51	75	68	
50	19	7339	n 6.9948	650	1256	0444	5417	50
		526			48	42	116	
9 0	+0.0026	n 7.6813	6.4472	7.1729	0.1304	9.0453	8.5252	21 0
		578		501	45	9	165	
10	32	6240	7.1886	2230	1349	0430	5037	10
		634		383	41	23	215	
20	38	5616	7.4468	2613	1390	0374	4771	20
		681		278	38	56	266	
30	44	4935	6051	2891	1428	0283	4451	30
		743		195	34	91	320	
40	50	4192	7183	3086	1462	9.0158	4073	40
		815	872	111	33	125	378	
50	56	3377	8055	3197	1494	8.9996	3632	50
		895	697	38	28	162	441	
10 0	+0.0062	n 7.2482	7.8752	7.3235	0.1522	8.9794	8.3122	22 0
		989	571	88	26	202	510	
10	67	1493	9323	3197	1548	9547	2535	10
		1101	476	111	23	247	587	
20	72	7.0392	7.9799	3086	1571	9252	1859	20
		1238	399	195	20	296	676	
30	77	6.9154	8.0198	2891	1591	8900	1080	30
		1349	334	278	18	352	779	
40	81	7805	0532	2613	1609	8481	8.0178	40
		1714	279	383	15	419	902	
50	84	6091	0811	2230	1624	7982	7.9124	50
		2010	232	501	13	499		
11 0	+0.0088	n 6.4081	8.1043	7.1729	0.1637	8.7382	7.7877	23 0
		2651	188	650	10	600		
10	91	6.1430	1231	1079	1647	6648	6370	10
			149	855	9	734		
20	93	n 5.7007	1380	7.0224	1656	5726	4494	20
			112		6	922		
30	95	5.1492	1492	6.9063	1662	4511	7.2044	30
			76		4			
40	96	5.7789	1568	7364	1666	8.2774	6.8557	40
		1915	42		2			
50	97	5.9703	1610	6.4393	1668	7.9777	6.2557	50
		1105	10					
12 0	+0.0097	6.0808	8.1620	—	+0.1668	—	—	24 0

For right-ascensions above 12h, the argument is on the right-hand side, and the signs of P_1, P, Q_0, Q are to be reversed.

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TABLA V.

Año	ψ	ϑ	ε_1	ε	$\tan \frac{1}{2} \Theta$	$\sin \Theta$	$z + \vartheta$	$z' - \vartheta'$
	° ′ ″	′ ″	° ′ ″	° ′ ″			° ′ ″	° ′ ″
1750	−0 41 59.261	−0 8.164	23 27 54.23838	23 28 17.906	n7.7837693	n8.0847832	−0 48 0.136	−0 47 58.172
1760	33 35.365	6.435	23176	13.170	7475491	0485655	44 9.772	44 8.026
1770	25 11.492	4.753	22662	8.433	7080325	8.0090512	40 19.419	40 17.843
1780	16 47.639	3.121	22294	28 3.695	6645586	7.9655794	36 29.077	36 27.622
1790	−0 8 23.809	−0 1.536	22074	27 58.958	6162456	9172683	32 38.746	32 37.363
1800	0 0.0	0.0	22000	54.220	5618795	8629038	28 48.426	28 47.067
1810	+0 8 23.787	+0 1.488	22074	49.482	4997231	8004154	24 58.116	24 56.733
1820	16 47.553	2.927	22294	44.743	4271636	7281905	21 7.817	21 6.362
1830	25 11.296	4.318	22662	40.005	2400047	6410325	17 17.529	17 15.952
1840	33 35.019	5.661	23176	35.266	2308513	5318799	13 27.251	13 25.505
1850	41 58.719	6.955	23838	30.527	7.0847141	3857435	9 36.984	9 35.020
1860	50 22.398	8.201	24646	25.787	6.8628562	7.1638860	5 46.727	5 44.496
1870	0 58 46.055	9.398	25602	21.047	n6.3857249	n6.6867562	−0 1 56.481	−0 1 53.934
1880	1 7 9.690	10.547	26704	16.307	6.3857156	6.6867458	+0 1 53.756	+0 1 56.666
1890	15 33.304	11.648	27954	11.567	6.8628282	7.1638580	5 43.983	5 47.304
1900	23 56.896	12.700	29350	6.826	7.0846676	3856969	9 34.200	9 37.982
1910	32 20.466	13.704	30894	27 2.085	2307861	5318148	13 24.408	13 28.698
1920	40 44.015	14.660	32584	26 57.344	3399208	6409488	17 14.606	17 19.453
1930	49 7.542	15.567	34422	52.602	4270611	7280881	21 4.794	21 10.246
1940	1 57 31.047	16.426	36406	47.861	4996018	8006275	24 54.973	25 1.079
1950	+2 5 54.531	+0 17.237	23 27 54.38538	23 26 43.119	7.5617397	7.8627639	+0 28 45.143	+0 28 51.951

PRECESION MEDIA. MEAN PRECESSION.

Año	m	n	log n	ε	tan ε
	″ s	″		° ′ ″	
1860	46.0794=3.07196	20.0555	1.302234	23 27 26.02	9.637415
1865	.0808 .07206	.0551	.302225	23.65	.637401
1870	.0822 .07215	.0547	.302215	21.28	.637387
1875	.0837 .07225	.0542	.302206	18.91	.637373
1880	.0851 .07234	.0538	.302197	16.54	.637360
1885	.0865 .07244	.0534	.302187	14.17	.637346
1890	.0879 .07253	.0529	.302178	11.80	.637332
1895	.0894 .07263	.0525	.302169	9.43	.637318
1900	46.0908 3.07272	20.0521	1.302159	23 27 7.06	9.637305

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